## The HEMIST AND DRUGGIST

RETAILER — WHOLESALER — MANUFACTURER

NOVEMBER 5, 1949





ABIDEC Drops

PARKE, DAVIS & CO., HOUNSLOW, MIDDLESEX.

Inc. U.S.A., Liability Ltd.

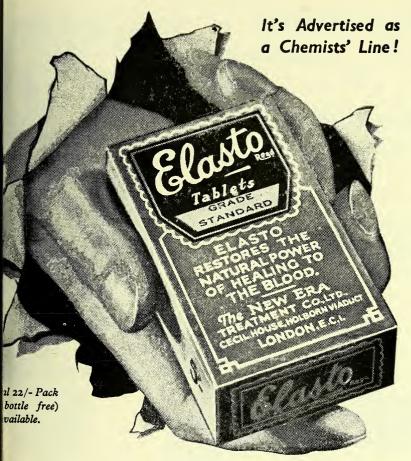
solves immediately in milk, soup or children's without altering the tas or can be dropped directly the tongue.

One five-minim dose supplies an infant's lily requirements of vitamins A and D, withhe water-soluble vitamins C, B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, panto nic acid and nicotinamide.

M.R.P.: 5/6 per 10 c.c. dropper-bottle (Exempt P.T.)







ELASTO advertising is widespread and consistent. An ever increasing demand for this product is being created at your very door. Are you taking full advantage of this opportunity for new business created in your area by this vigorous campaign? 'Elasto' sales-aids displayed in your window or on your counter will convert the 'prospect' we have created into a customer for you. And remember repeats and recommendations come freely from initial sales of 'Elasto'.

NEW ERA TREATMENT CO. LTD., CECIL HOUSE, HOLBORN VIADUCT, LONDON

NEW DISPLAY MATERIAL AND BOOKLETS

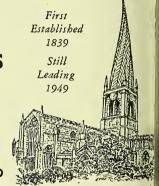
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For over a century

## Stock Round Boxes for the Chemist

have been manufactured by

ROBINSONS OF CHESTERFIELD



All boxes in these categories are now back to pre-war standards
The quality being improved by modern methods of manufacture
Specifications & standards to comply with N.H.S & B.S.I Specifications

#### PILL BOXES



SCARLET (G.P.O.) WHITE (P.I.) PURPLE, /HITE EDGES



**PURPLE FLANGED** 

Supplies are unrationed and your order can be met through your usual source

#### "LITTLE JOHN" DRUMS



CRYSTALS : POWDERS
TABLETS

#### OINTMENT BOX



SEALITE WAX IMPREGNATED



CHEPETTE GREASEPROOF

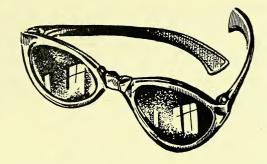
Telegrams : " Boxes Chesterfield"

ROBINSON & SONS, LTD.
WHEAT BRIDGE MILLS, CHESTERFIELD

Telephone: 2105 (6 lines)

London Office: King's Bourne House, 229-231 High Holborn, W.C.I. Telephone: HOLbo

## Make 1950 a year of



## Big Profits

FOR 1950 by selling

le enormous sales of llé Sun Glasses during 48/49 have proved at the Public are beming increasingly Eyenscious and appreciate se beautifully finished odels.

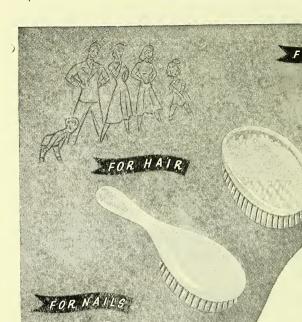
holesalers are invited inspect the 1950 range our London Showom, Rosslyn House, 96 gent Street, W.1, from wember 1st onwards. elephone Regent 1421).

Bollo

GLASSES

CLASSICAL STYLES FOR EVERY CUSTOMER

RGAR BOLLÉ (Successors) LTD., Orient House, Wellingborough, Northants



Nylon brushes have no equal

Nylon is unsurpassed for all personal brushes—hygienic—durable—attractive—uniform in quality.

1 LON BRUSHES BEST

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#### esistance to colds?

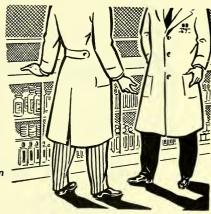
es, this is the time when customers ie in for Esobactulin. If we do as on Esobactulin as we did last year, han't complain." The complete se—6 capsules taken over 5 days—8 designed to give most people 3 of this immunity from colds.

Retail price 8/3 inc. P. Tax

Supplied through your Wholesaler

DISCOUNT—Plus bonus of 13 to the dozen

COUNTER AND WINDOW DISPLAYS NOW WILL BRING RESULTS





Literature on request

SOUTHON LABORATORIES LIMITED UPPER RICHMOND ROAD, LONDON, S.W.15

## **ESTBACTULIN**

protection against colds

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FOR BULK SUPPLIES OF

## Disinfectants

BLACK AND WHITE FLUIDS APPROVED FOR USE UNDER THE DISEASES of ANIMALS ACT, ETC.

#### & Pine Fluids

DISINFECTANTS AND DEODORANTS—ALL TYPES PACKED IN 1, 5, 10 and 40 gallon drums.

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(Managers: BURT, BOULTON & HAYWOOD LTD)

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FOR THE PRESERVATION

OF INDIVIDUALITY



UNITED CHEMISTS ASSOCIATION LIMITED, UCAL WORKS, CHELTENHAM.



Women know they can rely on Brylfoam to give the most beautiful shampoo, because Brylfoam's generous, creamy lather beautifi s it cleanses. After a Brylfoam cream shampoo, every type of hair takes on a radiance. And week in, week out, bigger-than-ever advertising is keeping Brylfoa the public eye, focussing attention on the famous slogan; "There's more for Brylfoam". So keep up your stocks — you'll find there's more profit, too.

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THERE'S MORE OBEDIENCE

the original and best-selling cream shampo

COUNTY PERFUMERY CO. LTD., HONEYPOT LANE, STANMORE, MIDDI

## Vitamins for all age groups

#### RADIOMULSIN Trade Mark



A free flowing preparation miscible with any type of infant feed. Pleasantly flavoured to appeal also to older children and adults.

Contains vitamins A B<sub>1</sub> B<sub>2</sub> C and D<sub>2</sub> and nicotinamide.

#### RADIO-MALT Trade Mark



A favourite extra-dietary supplement for children and adults. They like its delicious toffee flavour.

Contains vitamins A B<sub>1</sub> B<sub>2</sub> and D<sub>2</sub>.

#### MULTIVITE





A convenient and widely popular preparation of vitamins essential to health and protection against colds and influenza. Two pellets provide the normal daily adult requirements of these vitamins.

Contains vitamins A B<sub>1</sub> C and D<sub>2</sub>.

		Trade	Retail
'RADIOMULSIN'	4 fl. oz.	2/6	3/9
	16 fl. oz.	8/8	13/ <b>-</b> 58/6
	80 fl. oz.	39/-	58/6
'RADIO-MALT'	Small jars	$2/1\frac{1}{2}$	3/-
	Large jars	3/10	5/6
'MULTIVITE'	Container of 75 pellets	$3/7\frac{1}{2}$	5/3
	Bottle of 500 pellets	18/-	27/-

Bonus Terms available on application

THE BRITISH DRUG HOUSES LTD. LONDON N.I



Rake in some extra profits this Christmas by stocking now with a line that's due for big December sales! Kreemollient, Camilatone's amazing hair conditioning cream, is quickly becoming Hair Beauty Treatment Number One and, with millions of women having pre-Christmas perms, Kreemollient will be in huge demand during the next few weeks. For Kreemollient, used and recommended by leading hairdressers and trichologists for years, prevents after-perm "frizzi-ness" and keeps hair soft and and keeps hair soft and silky without slackening-out the Support the forceful National Advertising Campaign by re-

order now!

Kreemollient is packed in smart tubes and cartons, one dozen in very attractive counter displays. Retail price: 1/5½d per tube, including tax. Trade 7/- per dozen tubes (plus 100%) tax). Window bills of striking design, (miniature on right) to link up with National Advertising, sent free with every delivery.

commending Kreemollient to your customers this Christmas. You can—with confidence. Send that

CAMILATONE LIMITED EDGWARE ROAD · WELSH HARP · LONDON · N.W.9



## **ADAPRIN**

#### **TABLETS**

the treatment and prevention of CHILBLAINS

# A new «WB» product recently introduced to meet a widespread need, ADAPRIN tablets contain the Vitamin K analogue (Acetomenaphthone 10 mgm.) and Vitamin PP (Nicotinamide 50 mgm.)

Three to four tablets daily provide relief in most cases within a short period.

in proportions suitable for the effective treatment and

prevention of Chilblains.



The ADAPRIN Display Pack is an unique sales unit complete with literature for the interest of your customers.

Attractive Showcards are also available for Window and Counter display.

Available in units of 12 tubes of 25 tablets. Retail price 2/6 per tube (Subject to usual discounts)

ARD, BLENKINSOP & CO. LTD.

6 HENRIETTA PLACE, LONDON, W.1

1 phone: LANGHAM 3185 Telegrams: DUOCHEM, WESDO, LONDON



## What you can do!

Free distribution of welfare foods is driving home to *your* customers, and to the rising generation, the food value of Cod Liver Oil, and the old prejudice is dying rapidly. Thus a new and ever-widening market is building up. Therefore, SevenSeaS advertising, in press, poster and cinema is being increased to help you. The opportunity is there — to-day! A really striking display at "the point of sale" will turn interest into cash. Write to-day for special window display material.

## SEVENSEAS

PURE COD LIVER OIL

British Cod Liver Oils (Hull & Grimsby) Ltd., St. Andrew's Dog

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TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

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And he fashioned the first ploughshare

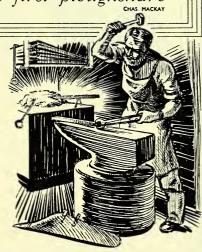
e power of the forge was as vital to the craftsman yesterday as the power of good printing is to odern business today. Furthermore, sound design, be in ploughshares or printing, reflects the skill and aracter of the man or organisation behind it.

int is your ambassador-at-large and to achieve aximum effect it must be of the highest standard.

onsult us when next you are planning brochures, owcards, cartons, labels, etc. We shall be pleased place our 70 years' experience at your service.

THOMAS WAIDE & SONS LTD. KIRKSTALL HILL, LEEDS, 5

rint Specialists for over 70 years





#### BRUSHWARE

of distinction

JUNIOR "MISS"
HAIRBRUSH

Coloured wooden handles Pastel Pink, Pastel Blue, Post Office Red, Eau-denil, Green, Rose Wcod and selected grained wood handles in natural polish.

Nylon Tufts 36!- per Doz. 5/6 incl. P.T.

Wire Pins 22/6 per Doz. 3/6 incl. P.T.

★ See further advertisements for other models.



All hairbrushes are backed indicidually in attractively designed coloured cartons, with special cellophane window for viewing.

#### OAKFIELD & COMPANY

Manufacturers and Exporters

WHEILDEN HO., WHEILDEN STREET,
AMERSHAM, BUCKS



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ACID AND SODIUI
POTASSIUM
PERMANGANATE B.I
SODIUM BROMIDE B.P.
SULPHAMERAZINE
Powder and Table
SULPHADIAZINE
Powder and Table

M. W. HARDY & CO. LTI

Billiter Street, London, E.C.

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Write for details free local advertising
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THE CHEMIST & DRUGGIST,
28 Essex Street, London, W.C.2

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The Symbol of PERFECT Skin Health

A revolutionary product for the treatme of skin illnesses with unusual penetrati power. Sold under a money-back guarant of satisfaction. Liquid and cream. Prom deliveries.

BIO-COLLOIDS, LTD. ALTRINCHAM, C



I

## Benzedrine' Inhalers

-now 2/- each free of tax

available on bonus terms

'Benzedrine' Inhalers

supplied after 1st September, 1949, are exempt from Purchase Tax and sell even more readily than ever. Give one of these well-designed display cards a trial on *your* counter and let it work for you; it only takes a few square inches of space and will quickly earn its keep.

#### DISPLAY TERMS

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om now until 30th November 1949,

velve Inhalers for the price of

even on all orders for one or more

boxes of one dozen.

There's still 6d. profit

on each Inhaler sold— 7½d. profit if you buy now on these advantageous display terms.

Trade price 18/- doz. Retail price 2/- each (tax free)
Less 5% cash 30 days on all orders to the value of £5 and over.

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1 10 10 E

#### MENLEY & JAMES, LTD.

123 COLDHARBOUR LANE, LONDON, S.E.5

SMITH KLINE & FRENCH INT. CO. OWNER OF THE TRADE MARK 'BENZEDRINE' rms in Eire apply to Sole Agents: May Roberts (Ireland) Ltd., Grand Canal Quay, Dublin, C.6



Each is a variety of sparkling colours — each with its manicure row — each in its clear acetate container.

The SPA Nailbrush No. 538 — the larger man-sized brush retails at 5/6d.

The Smaller brush - SPA No. 65 - retails at 4/6d.

The name SPA on a brush guarantees Quality to your customer — PROFIT to you

MADE BY

#### SPA BRUSHES LTD.

FREEMAN WORKS · CHESHAM · BUCK



The 'METHEDRINE'Inhaler

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

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specialize in the manufacture and distribution of STRYCHNINE and SALTS

ALKALOID
ARSENIATE
BISULPHATE
GLYCEROPHOSPHATE
HYDROCHLORIDE
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NITRATE
PHOSPHATE
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BRUCINE and SALTS

## CARNEGIE CHEMICALS (WELWYN) LTD CARNEGIE QUININE WORKS LTD

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## change in price

POTTER & CLARKE LTD., wish to announce to their trade friends that as from Monday, October 31st, the prices of THOMPSON'S SLIPPERY ELM FOOD will be as follows:

I lb. size— Retail 2/6 per tin. Wholesale 23/- per doz.
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#### POTTER & CLARKE LTD

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77 DANTZIC STREET : MANCHESTER
Phone: BLAckfriars 8734 : Grams: Horehound, Manchester

#### Where experience counts.....6

Careful assay of medicinal plants and expert analytical control during manufacturing processes call for specialised skill and experience.

The wide knowledge gained in over 100 years' manufacturing experience enable William Ransom & Son Ltd., to ensure products of the highest quality.



A section of the Ransom analytica laboratory

#### ACTUAL GROWERS OF

BELLADONNA HENBANE PEPPERMINT FOXGLOVE · CHAMOMILE LAVENDER

#### EXTRACTS

(Solid and Liquid)

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OLEO-RESINS · RESINOI

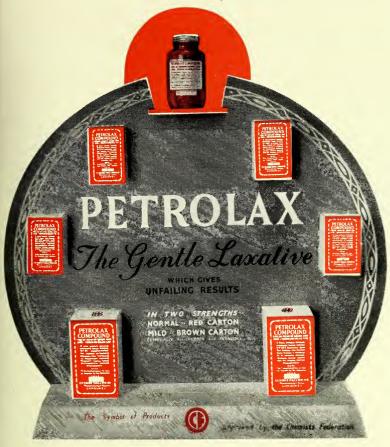
ESSENTIAL OILS · CHLOROPHY



MANUFACTURING CHEMISTS AND GROWERS OF MEDICINAL PLANTS FOR OVER A CENTURY

LLIAM RANSOM & SON LT Hitchin Hertfordshire England

An arresting WINDOW DISPLAY will serve to remind your customers of a quality product with an established reputation.



(Dimensions 3' 2" high × 3' wide)

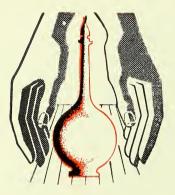
Our representative will be happy to arrange for you to receive the display or your direct request will receive prompt attention.

#### HARKER. STAGG & MORGAN LTD

DUBLIN ADDRESS: 1 MOUNT BROWN. Phone: 51096-7

#### TO MANUFACTURERS OF ETHICAL PRODUCTS

## Monsanto PHARMACEUTICAL



The three essentials of dependable phomaceuticals — quality, uniformity and pur — are guaranteed by the rigid control und taken at our Plants. Monsanto pharmace ticals not only conform to B.P. standarbut frequently surpass those standards by considerable margin.

#### MONSANTO PHARMACEUTICALS INCLUDE:

ASPIRIN : ASPIRGRAN ACETYL SALICYLIC ACID B.P. SODIUM SALICYLATE B.P. SALICYLIC ACID B.P. METHYL SALICYLATE B.P. PHENACETIN B.P. SODIUM BENZOATE B.P. BENZOIC ACID B.P. SALICYLIC ACID (Technical) PHENOL B.P. CRESOL B.P. CRESANTOL 3 CRESANTOL 15 CRESANTOL 15R P.C.M.C. : P.C.M.X PHENOLPHTHALEIN B.P. LYSOL B.P. VANILLIN B.P.

#### **ASPIRGRAN**Physical Form: Granular

ACETYL SALICYLIC ACID B.P.

Physical Form: Crystals; Powder

SALICYLIC ACID B.P.

Physical Form: Crystals; Powder

SODIUM SALICYLATE B.P.

Physical Form: White Flakes; White Pow

METHYL SALICYLATE B.P.

Physical Form: Clear Colourless Liquid

Write to Sales Department for Bulletin "Chemicals for the Pharmaceutical Industry".

MONSANTO CHEMICALS LIMITI

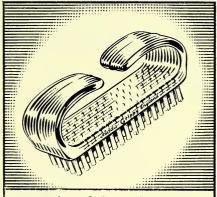
# Grippy s a born best seller!

tere's grip, gumption and go behind this new, never-slip nailbrush

AKE a look at Grippy and you'll see why it's selling as fast as we can make it. See the clever new hand-grip, the sparkling gem-like colours—s right on every score. At 25/10 a dozen plus tax, to retail at 3/11 includges tax, it's right for price and profit, too. And it's backed by the right vertising in the right papers—in 8-million circulation Radio Times, for ample. Place an order today, through your usual wholesaler and get ready go to town with your Grippy sales!



IPPY never gives you the slip—even soapy water.



GRIPPY is made in 3 colours—moonstone blue, pink topaz, zircon green.

Grippy by Addis

) IS LIMITED, HERTFORD. FAMOUS FOR FINE BRUSHES SINCE 1780

DEDERFER PROTESTION OF THE PROPERTY OF THE PRO



#### FROM STOCK

#### CREAM JARS

Fig. 415 2oz. Size only

23/- gross.

Fig. 417/sq.

Fig. 417/sq.  $\frac{1}{4}$   $\frac{1}{2}$  | 2 oz. 23/3 25/6 30/6 36/9 gross.

> All with enamelled metal screw cabs (For quantities of 5 gross of a size).

#### **PENCILS** CAUSTIC



British Pat. No. 497604 The "NOSHOK" (Rubber Set) Practically Unbreakable Wood case Fig. 2/A 40% ARG. NIT. 4/9 Dzn. " 2/P " ,, ,, 5/6 ,, Plastic " (P.T. extra)

Send for complete list to:

M. J. FECHER LTD 121, High Street, Slough, Bucks.

Established over 50 years.

#### An Invitation

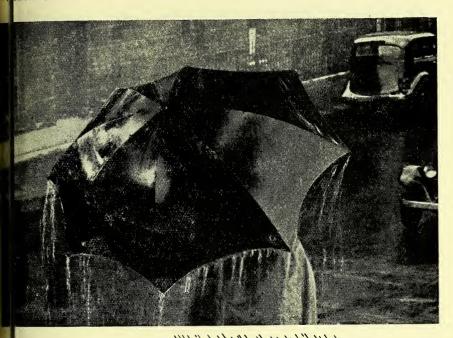
We have pleasure in announcing the opening of our new South Coast Branch Warehouse. Complete Stocks are carried and daily deliveries made over a wide area. You are cordially invited to call.

#### SIDNICK & CO. LTD.

Wholesale Chemists Sundriesmen

Head Depot: 11 & 12 Finsbury Square, London, E.C.2 Telephone: MONarch 5642/3

South Coast Branch: 31/32 Crown Street, Brighton 1 Telephone: Brighton 9503



acing the

## BAYER ASPIRIN

Under every umbrella is a potential customer. When colds and chills launch their annual offensive the victim will seek speedy relief—the discriminating will choose BAYER ASPIRIN. Quick in disintegration and

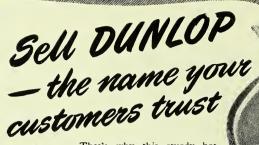
safe and effective in use, there is still no finer aspirin than this, the original. For the pharmacist there are attractive showcards, generous bonus and window display terms—and repeat orders.

Bonus of 3 packs of 25 x grn. 5 on mixed orders of "Bayer" Aspirin valued at 24/-, or 12 x 25 x grn. 5 bonus on orders valued 48/-. Your PROFIT on an order of 48/- would be 36/-

BAYER PRODUCTS LIMITED. AFRICA HOUSE, KINGSWAY, W.C.2.



with



That's why this sturdy hot water bottle is so universally popular. The name DUNLOP is a guarantee of superlative quality, and lasting service. It's a name that everyone knows and trusts. "Dunlop?" they think. "Then it's bound to be good!" And it is good! So stock up with DUNLOP hot-water bottles in the comfortable knowledge that you will be selling the finest and most popular line on the market.

## **DUNLOP** Dunlop Moulded Fabric Insertion built like a tyre HOT WATER BOTTLES

Obtainable from your usual wholesaler



#### URALYSOL

#### Original Formula

We take pleasure in announcing that supply difficulties having been overcome, Uralysol is again available with the original pre-war formula containing Thyminic Acid and Piperazine tartrate.

To meet the demand for Uralysol dispensed on N.H.S. scripts we have now introduced a 16 oz. Dispensing Pack, supplies of which may be obtained through your usual wholesaler or direct from us.

#### P.A.T.A. Trade Prices

3 ozs. granules ... ... ... 31/6 per doz. + 10/2 P.T. 16 ozs. granules (Dispensing Pack) ... 150/- per doz. (tax free)

#### CONTINENTAL LABORATORIES LTD

101 Great Russell Street, London, W.C.I

Telephone: Museum 2042-3

Telegrams: Taxolabs, Phone, London

#### Why you should sell

#### WANDER

Malt & Cod Liver Oil



ECAUSE of its unsurpassed quality and its ready acceptance by the public, Wander Brand Malt Extract and Cod Liver Oil is a product which the pharmacist can recommend with full confidence, and in his own best interests.

Wander Brand Malt Extract and Cod Liver Oil is outstanding in its field and its pharmaceutical excellence is recognised by physicians. The Cod Liver Oil used is the best obtainable and the Malt Extract is specially prepared by A. Wander Ltd., who are leading authorities on its manufacture. These two ingredients are combined in the proportions recognised by the medical profession.

With its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is thoroughly enjoyed by children and adults.

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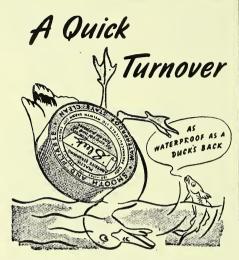
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Less 5% Cash in 14 days

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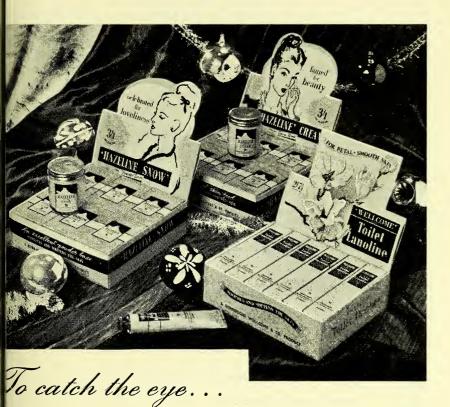
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Toilet Preparations B. W. & CO.

now in smart new packs



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#### ETICYCLIN - 'LINGUETS'

(Ethinyl Oestradiol)

The most potent oral oestrogen in its most economical form

#### Sublingual Absorption

provides clinical effectiveness with lower doses because it avoids hepatic and intestinal inactivation, thus ensuring maximal utilisation of the dose administered.

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# The CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER
NOVEMBER 5, 1949

#### Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London." copies I/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

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#### **NEWS OF THE WEEK**

y Industry Exemption.—Acetyl-acehas been exempted from Key Industry for the period beginning October 6, and ending December 31.

Minstry of National Insurance is to up 230 committees to advise upon ions relating to the local administratof the National Insurance Act. Each mittee will consist of about twenty bers, of whom six will represent emers and six employees.

A.O. Annual Dinner.—The annual er and dance of the National Associator Opticians was held in London on the 19. The president (Mr. T. J. on Parry) was supported by Mr. R. ord (vice-president), Mr. J. F. McNeal etary) and a representative gathering tembers. The guests included Mr. B. Marton (president, British Optical ciation) and Mr. G. H. Giles (secre-Joint Emergency Committee).

of exchange for the Spanish peseta

were published in Madrid recently. They are as follows:—Exports from Brazil of essential oils, liquorice extract, perfumery, saffron and pharmaceutical specialities—61.320 pecetas to £ sterling; cream of tartar, Rochelle salt, tartaric acid and ergot—73.584 pesetas. Imports into Spain of alkaloids and glycosides, drugs, quinine salts and x-ray film—70.608 pesetas (Current ordinary rate: £ sterling =30.66 pesetas). The old rate, i.e., the official rate in force at the time, or the relevant special sterling exchange rate, will continue to apply to business to cover licences issued prior to October 9.

Retirement Presentation. — On October 25 at the offices of the Association, and in the presence of the members of the Council, a presentation was made to Mr. Victor Blagden by the members of The British Chemical and Dyestuffs Traders' Association as a mark of their affection and esteem on the occasion of his retirement from the presidency of the Association, an office he had held with distinction for twenty-six years. The presentation took

the form of a silver cigarette box suitably inscribed. In 1944, on the completion of twenty-one years, first as chairman and then as president of the Association, Mr. Blagden was presented by the members with his portrait in oils.

Works Council Coming-of-age.—The completion of twenty-one years' activity of the works council of Boxfoldia, Ltd., carton manufacturers, Bournbrook, Birmingham, 29, was made a social occasion. Following tea, members of the council with wives or husbands, were entertained by the directors at Birmingham Repertory Theatre. The council comprises twelve members, five representing management, and seven, of whom four retire one year and three the next, representing the employees. Its business meetings are normally held during working hours, but recently a meeting was held at 5.15 p.m. in order that members of the company other than elected representatives should have the opportunity to attend as observers. The fourth open day was held on October 26, when employees, friends and members of the public were shown round the works.

N.H.S. Dispensing for Seamen.—Seamen treated by doctors employed wholetime by the Shipping Federation may now obtain drugs and prescribed appliances under the National Health Service. The Ministry of Health has issued forms E.C. 10 bearing the name of the London Executive Council and stamped "Shipping Federation Medical Officer" in the bottom righthand corner of the space available for the prescription. The prescriptions (properly completed and signed) should be dispensed by chemists on the Pharmaceutical List, and submitted for payment in the usual way. The doctors concerned are located at the London and Royal Docks, and at the ports of Southampton, Cardiff, Manchester, Newcastle-on-Tyne, Liverpool and Glasgow, but prescriptions may be handed in at a pharmacy in the area of any Executive Council.

Small Exporters and the U.S. Market.—Speaking in London on October 31, after his return from the United States, Mr. A. N. C. Varley (managing director, Colman, Prentis & Varley, Ltd., advertising agents) said that, in his view, there was misunderstanding about how to open the American markets to the small exporter who might feel he was competing with American firms spending millions of dollars. Adequate sales promotion could be secured

for annual budgets not higher, in scircumstances, than \$10,000. Few Bi manufacturers could hope to look America as a mass market. Sectional however, it was simpler to deal with the English. A strong local Press, radio stations, and tie-ups with local sl enabled a worth-while area (selecte advance by market research reports) t completely covered. The first rule wiget a market research report. That cost only £250 to £750.

Anglo-US. Productivity Talks.—U a Marshall Aid technical assistance pro Dr. Alexander King (secretary, B. Government's Committee on Product is to pay a one-month visit to the U: States to confer with American Go ment officials and engineers on a fiveprogramme that includes arrangement closer collaboration with the Depart of Scientific and Industrial Research the U.S. Bureau of Labour Statistic methods of measuring industrial resea consultations with U.S. scientists and dustrialists on new methods of man turing nitrogenous and phosphatic ferti required in Britain; exchanges of tec logical information between the D.S and other British agencies and the Department of Commerce; and cons tions with the European Co-oper Administration and other Ame Government agencies on the B Government's policy, with particular i ence to industrial productivity.

Changes in Soap Rationing. — A ready announced (C. & D., Septembe p. 363), from November 6 the allow of soap for holders of ration books I and R.B.4 will be increased from sevi eight rations per eight-week period, for holders of ration books R.B.2 eight to nine rations per eight-week pe The extra ration will be made availab ration period No. 8 (which begin December 4) and in each alternate r period thereafter. The extra allowand Form R.G.42/2 for children up to years of age will remain at eight ra per eight-week period. The two soap pons on ration books R.B.1 and R valid for use in ration period No. 8' cember 4-31), and in each four-week p thereafter, will each be worth two ra of soap. The coupons in ration l R.B.2, valid for use in period 8, and 1 bered 29/30 and 31/32, will be worth rations and three rations, respecti

#### LOCAL NEWS

inistry Ruling Sought.—The Kesteven E utive Council has decided to ask the istry of Health whether the water at B nghay, Lincs, is suitable for use in ming up prescriptions. Two analyses level it contaminated by iron ore.

buthport Health Service. — The estimated cost of administering the National Hith Service in Southport for the year ning March 1, 1950, is put at £ 0,000, including £86,150 for pharmactical services.

idinburgh Golf Results.—In the final of the Edinburgh Chemists' Golf Club champiship, played over Duddingston, receively, Mr. J. Finlay beat Mr. F. P. McCullo, three and two. In the final of summer and-hole, Mr. J. B. McCaig beat Mr. J. nlay one hole.

Il Samples Satisfactory.—Every one intry samples (twenty-six drugs, four an ances) taken for test under the me of the Lincolnshire (Lindsay) Exerce Council during the half-year ended the mber 30 were reported, at a meeting for the Council recently, to have proved a actory.

veter Staff Social.—About a hundred fifty persons attended the annual staff of I and dance of Evans, Gadd & Co., Exeter, on October 27. The directors represented by Messrs. W. T. Symes, V. Boorne and A. S. Tucker, with their as (Mr. and Mrs. H. Wippell Gadd unfortunately unable to be present). It is were distributed by Mrs. A. S. Fer.

pspital Advisory Pharmacists.—The cil of the North-west Metropolitan on Hospital Pharmacists' Association lend a peen approved as an advisory committed to the North-west Metropolitan Registry of the North-west Metropolitan Registry of seven members, with Mr. A. E. of tt. Ph.C. (Royal Northern Hospital) hairman, and Mr. J. Carey, Ph.C. wesden Hospital, Abbots Langley, ord, Herts), as secretary.

ing Service Awards.—Presentations recently made to five members of the fit of the Wellcome Foundation, Ltd., on colletion of twenty-one years' service.

M. S. E. Land received a bookcase, Miss Houghton a brush and comb set, s. P. S. Humble and J. J. Mannings, watches, and Mr. F. V. Greenbank a continuation of the watch. All except Mr. Land, who is

employed at the Wellcome Museum of Medical Science, London, are employed at the company's works at Dartford.

Veterans Retire.—Two directors of J. Waterhouse & Co., Ltd., wholesale druggists, Church Street, Ashton-under-Lyne, have retired after a combined service with the firm of 123 years. They are Messrs. Joshua James and James Livesey. They worked together as office boys, travellers, and finally, directors. Each has been presented with a Westminster chiming clock in appreciation of his lengthy service, the presentation being made by Mr. John Ashton who has himself over forty years' service with the company.

Slough Dinner and Dance.—Miss M. A. Burr (a member of the Pharmaceutical Society's Council) was the guest of honour at the annual dinner of the Slough and District Chemists' Association and Branch of the Society, held at Maidenhead recently. Mr. G. C. Orborn (chairman), proposing, and Miss Burr, replying, to the toast of the Pharmaceutical Society, expressed approval of the Society's education policy. "The Guests" was proposed by Mr. N. Hart (vice-chairman), Alderman, I. C. Taylor (mayor of Slough) replying. Dr. O. Frank (mayor of Maidenhead) replied to the toast of the medical and allied professions proposed by Mr. A. E. Breakspear. Dancing followed. The function was the Association's second annual dinner. Nearly 200 were present.

Edinburgh Executive Council.-Mixed views on the proposal to charge up to a shilling on prescriptions were expressed at meeting of the Edinburgh Executive Council on October 27. One member said that any small braking power that was not a financial strain on anyone would be advantageous. On the other hand a pharmacist member (Councillor J. J. Stone, M.P.S.), did not believe that a working man who was laid up and receiving only 26s. a week could afford to pay any charge for medicine. Mr. J. C. Somerville, M.P.S., said that the quantities of medicines ordered and their cost were today both extraordinary, the average cost of each prescription being about 5s. 8d. Before National Health Service days proprietaries represented 4 per cent. of prescriptions; now they represented 24 per cent. The chairman announced that, out of 208 pharmacies in the area, 172 (83 per cent.), had agreed to accept the proposed new arrangement for a final settlement of chemists' accounts.

#### IRISH NEWS

N. Ireland Prescription Charge.—The Northern Ireland Government is expected to introduce a new provision for a charge of up to 1s. on each prescription under the Health Service in accordance with the principle of parity between Northern Ireland and Great Britain.

Newry Chemists' Rota.—The Newry Chemists' Association recently initiated a rota service under which two chemists will be open during the hours of 10 to 11 a.m. and 7 to 8 p.m. on Sundays; 7.30 to 9 p.m. on Mondays, Tuesdays, Thursdays and Fridays and 2.30 to 4.30 p.m. and 7.30 to 9 p.m. on Wednesdays.



GROUP AT RECEPTION.—Messrs. C. Morris, J. J. Roche, T. Midgley Illingworth, G. W. Pollock, Peter Slattery, Lyall G. Smith, T. A. Holmes, R. S. Liddle, A. B. Vance and T. R. Bourke photographed at reception in Dublin by Ilford, Ltd., to mark the opening of the company's new branch in the city (see C. & D., October 29, p. 585)

Cancer Research Organisation.—The Eire Minister for Health has decided to establish a permanent organisation to improve facilities for and methods of diagnosis and treatment of cancer, and to develop an effective service for the whole country. The new body is a company financed from hospital trust funds,

Streptomycin Policy Sought.—The Northern Ireland General Health Services Board has approved a recommendation by the Medical Advisory Committee requesting that an authoritative statement on the use of streptomycin from Professor H. Biggart (Dean of the Faculty of Medicine, Queen's University, Belfast) should be circulated to all doctors on the Board's list. The recommendation was made in the light of a report that the use of the drug without adequate specialist facilities for controlled treatment exposes patients to the risk of serious complications.

Gaelic Athletic Club Meeting. P. C. Cahill (chairman) presided over annual meeting of the College of Ph macy Gaelic Athletic Club, held recer in Dublin. Lieutenant Seamus Fox (sec tary), in the course of his report, sta that the Club had maintained its posit in senior football for the coming sea and that the Committee were constar on the look out for suitable pract grounds. Mr. T. K. O'Keefe (treasu reported that the finances of the C were in a satisfactory state. Their was to be in a position financially to quire any suitable pitch that came on market. The president of the Pharmac tical Society (Mr. T. C. Scott) was cho patron of the Club, and the follow officers were elected for the com year:—Chairman, Mr. P. C. Cahill; V chairman, Mr. M. J. Hanna; Treasu Mr. T. K. O'Keefe; Secretary, Lieuten Seamus Fox; Captain, Mr. B. McW Vice-captain and Assistant Secretary. C. McGarry.

#### SCOTTISH EXECUTIVE

A MEETING of the Executive of the Scot Department of the Pharmaceutical Soc was held in Edinburgh on October THE CHAIRMAN (Mr. C. W. Macfarls expressed to Dr. McCall the Executi deep sympathy with him in the loss of younger son in an air crash in Norv Reports were received from the Nom tion of Examiners and the Public Serv Committees, the latter showing what st had been reached in the consideration plans for a pharmaceutical departmen the proposed new health centre at Sight THE RESIDENT SECRETARY read a le from Mr. Adams (a secretary of the Soci expressing to the Executive the Coun appreciation of the arrangements m for their meeting in Edinburgh in Octo

Reference was made to the success Mr. Linstead's recent visit to branche the Society in Scotland. A report on prentices in Scotland showed that appr mately 126 apprentices were under tring in Scotland, Mr. F. W. M. Benn (chairman, Pharmaceutical Standing C mittee for Scotland) reported on the preposition in regard to the National He Service. It was reported that methylspirit forms had been issued to all chen in business in Scotland on Septembe It was reported that the inaugural sessianddress would be delivered by Professo L. Hirst on November 11.

#### TOPICAL REFLECTIONS

#### NI.S Token Payment

he proposed charge of "not more than shilling per prescription," if payable National Health Service patients to their nists (p. 500), will, if enforced, be a assing addition to an onerous routine. ike the branch representatives at the r nt conference of the National Phareutical Union (p. 603), I do not plore" this Government proposal for reason of principle. If I were a pubrelations officer of the Ministry of HIth, I should be inclined to inform the in the street that instead of getting pence for fourpence he was now ob-ing that amount of benefit for four-ce-halfpenny, and that public funds not unlimited. The real trouble a ut this token payment will be its assessn t and collection. When a prescriber ers, for instance, a drachm or two of nesium sulphate in 3vj of water, a ribution of a shilling from his patient ld seem to be contrary to the spirit of N.H.S. Act, even after it had been nded as proposed. On the other hand, th same contribution in respect of an exprive proprietary article would strike n t people as reasonable. Who will fix an e table scale of payment, and who will ss the prescriptions? The "exercises of and diplomacy" referred to in your prial comment are likely to be a severe n whenever there is a heavy demand dispensed medicines. As you have indicid, the future of the advance payment to anel contractors is a serious considera-I should like to see the assessment collection of patients' payments ened to prescribers, on the principle of payment, no prescription."

#### Oects of Qualification

he address of Professor Brindle and Granville Shaw (pp. 597, 586) on the macist's qualification are timely continuous to that vital topic. Speaking it a lengthy academic experience, Profe r Brindle holds that two classes of macists should be trained. He will he much support for this remark. Ever 1868 British pharmacists have been ped in two classes, without detriment, to train a I am aware, either to the public themselves. And now the topic is ght to date in the Professor's delimitatiof subjects of study. There must, as his bserved, be specialists to maintain the

rate of progress in the subjects most closely associated with the practice of pharmacy. He would no doubt concur in the opinion that a pharmaceutical society consisting entirely of specialists would occupy a somewhat anomalous position in the Britain of today. Preoccupied with their own studies, specialists would tend to become narrow and out of touch with the needs of other pharmacists. There will always be, in foreseeable times, an important place in the community for qualified men and women in shops, pharmacists able to incorporate the results of new research into their dispensing technique and, when necessary, to translate them for the benefit of their customers. With Mr. Shaw's warning on man-power I fully agree.

#### Large Doses of Soap

The old man who, as recorded in your quotation on p. 597, drank a teacupful of soapsuds once a week had sufficient warrant for his choice. The vogue of soap, especially as a remedy for "the stone"—a widespread complaint in the eighteenth century-began, or was increased, by the popularity of Joanna Stephens's medicines, the recipe for which was, as is well known, purchased by Parliament in 1739 for the sum of £5,000. She had one prominent medical champion, David Hartley, F.R.S. He eventually came to the conclusion that, reduced to their simplest form, her medicines would consist essentially of calcined egg-shells and Alicante soap: the dose of the latter might be as much as three ounces daily. Robert Whytt, M.D. in his collected works, published in 1768, stated that Horace Walpole took about an ounce of soap every day from April 1752 to September 1754; and that an author named William Hay consumed three ounces of the Stephens medicines daily for five years, and then transferred his attention to Castile soap and lime water "with the same constancy." The fastidious Horace Walpole probably endured his course of treatment (which included lime water) with some reluctance: however, he lived to a ripe age. It is not surprising to find that leading physicians of the day were, like Huxham, sceptical or, like Mead, contemptuous about these remedies. It may be noted that Joseph Black was led to his examination of "the absorbent earths" partly by a hope of discovering a more powerful solvent of the stone. Xrayser

#### **NEW COMPANIES**

NORTHERN ANALYSTS, LTD. (P.C.).—Capital £1,000. To acquire the business of consulting analysts carried on at 7 Lowgate, Hull. Edward Chapman and James R. Hunecke, directors.

R. P. JASON, LTD. (P.C.).—Capital £1,500. To carry on the business of chemists and druggists, etc. Raymond E. Johnson, director. Solicitors: F. H. Thompson & Son, Stanhope, co. Durham.

James McKenna, Ltd. (P.C.).—Registered in Belfast. Capital £5,000. To carry on the business of wholesale and retail chemists and druggists, etc. First directors are not named. R.O.: 80 Newtownards Road, Belfast.

P. BOULTON, LTD. (P.C.).—Capital £2,000. To carry on the business of dispensing and photographic chemists, etc. Walter B. Falding, M.P.S., and Harold Walker, M.P.S., directors. R.O.: 54 Old Brompton Road, London, S.W.7.

ELTIBAR DEVELOPMENTS, LTD. (P.C.).—Capital £300. To carry on the business of technical consultants to the chemical industry; to act as analytical, consulting and dispensing chemists, etc. Gwilym Lloyd Thomas, 12 Stanhope Road, St. Albans, and Wilfred V. Gueingault, directors.

H. & E. YOUNG (SUPPLIES), LTD. (P.C.).
—Capital £100. To carry on the business of wholesale and retail traders, including chemists, manufacturers, etc. Henry Young and Ruth Young, directors. R.O.: 257 Long Elmes, Headstone Lane, Hatch End, Middlesex.

SOUTHDOWN HYGIENICS, LTD. (P.C.).—Capital £4,100. To carry on the business of merchants and wholesalers and retailers by mail order of druggists' sundries, pharmaceutical and chemical preparations, etc. Cecil I. N. Harris, permanent director. R.O.: Sussex House, Hobson Street, Cambridge.

W. James Davies (Western), Ltd. (P.C.). Capital £2,000. To carry on the business of manufacturers, importers and exporters of, agents for and dealers in proprietary medicines, drugs, chemicals, disinfectants, etc. Deryck P. Howell and Brian P. Howell, directors, R.O.: Maindy Works, Daisy Street, Victoria Park, Cardiff.

CHERRINGTON & SONS, LTD. (P.C.).— Capital £8,000. To acquire the business of dispensing chemists carried on by George E. Cherrington and William H. Cherr ton, at Newark. Robert A. Daykin, Fr Slawson, Ph.C., and George S. Day M.P.S., directors. R.O.: 5 Market Pl Newark, Notts.

TIDEBROOK CHEMICAL PRODUCTS, I (F.C.).—Capital £5,000. To carry on business of compounders and manu turers of and dealers in patent, proprie or other medicines, etc. First directors to be appointed. Solicitors: Tarlo L & Co., 16 Manchester Square, London, \(\frac{1}{2}\)

Dansol Co., Ltd. (P.C.). — Caj £1,600. To acquire from Wlady Daniewski the benefit of British le patent in relation to bath salts, and carry on the business of manufacturer and dealers in bath salts and cubes, t requisites, etc. Zygmunt Szydlov Wladyslaw Daniewski, Adam Jedrzejov Roman Bninski, Lech Czernicki and Stalaw Balicki, directors. R.O.: 62 Moorg London, E.C.2.

Pepsodent, Ltd. (P.C.). — Cal £100,000. To acquire the business I tofore carried on in Great Britain elsewhere by Pepsodent, Ltd. (a compincorporated in U.S.A.), and to carry the business of manufacturers, imporand exporters of and dealers in dentiff hair preparations, appliances and lot soaps, etc. Frank Davis, Thomas A. Pr. Sidney G. Cogswell, directors. R.O.: Park Royal Road, London, N.W.10.

#### **BUSINESS CHANGES**

PORTSEA ISLAND INDUSTRIAL CO-OPTIVE SOCIETY, LTD., have converted premises at 179 Albert Road, Southinto a pharmacy.

ALLEN & HANBURYS, LTD., have pointed Mr. R. B. Phillips, M.P.S., representative for the British West In Bahamas and Bermuda.

Barclay & Sons, Ltd., have appoi Messrs. R. Gordon Parry and James to their representative staff in Lon Mr. Box has had fourteen years' experi with the company.

Antigen Laboratories, Ltd., annothat from November 9 all communical should be addressed to the company's foffice, 95 Great Portland Street, Lon W.I. (Telephone: Langham 3744).

#### LEGAL REPORTS

Damage Claim Dismissed. - Evanol, , manufacturing chemists, Naseby ise, Elwood Street, London, N.5, were I for £200 at Clerkenwell county court Mrs. Emma Margaret Collins, London, .1, on October 17. Mrs. Collins conled that she had contracted dermatitis r using Evanol Simplex hair dye. Her nsel said she was "a lady no longer ng, who deems it wise occasionally to h up her hair." On two occasions she used the dye safely, but after the d bottle she had contracted dermatitis. pamphlet sold with the dye was subed to be a warranty to members of the r lic that the dye was safe and harmto every normal person, meaning every pon who tested the dye on the arm re use on the hair, and whose skin did redden or swell as a result. The dye tained 4 per cent. para-phenylenedine. In evidence, Mrs. Collins said that the first two bottles she had carried the test as stated in the pamphlet ened in the carton and it was satisfactory. January 1949 at a chemist's shop in igton she purchased a third bottle, but use she had by then gained confidence he product she did not carry out the Next morning dermatitis developed her face, neck and arms, necessitating pital treatment; she was away from k for eight weeks. For the defence, as submitted that Evanol, Ltd., were ing on the market something that was le to do damage to some persons unless e who intended to use it took the care ch they were asked to take. phlet sold with the dye clearly stated the test must be carried out "on each every use." If the product could not sold, it would amount to prohibiting e y reasonable person from using it simply use there were certain people who ld not avail themselves of the warnings gin. The judge said the facts were not ry in dispute. The pamphlet stated one person in every 100,000 was rsensitive to hair dye. There was no-

g evasive or misleading about the in-

ctions, or warnings. Mrs. Collins's

a mption that the dye would be safe for h on the third occasion was reasonable, b unfortunately it was wrong. She had

unfortunately it was wrong. She had stered acutely, and, if she was entitled

t amages, £200 was not an unreasonable

whing to the public was reasonable. An

re. The real question was whether the

article could be defective not only by virtue of its composition, but also by virtue of the literature that accompanied it. There were always abnormal people exposed to greater peril than normal people. Defendants had carried out their duty of giving reasonable warning. The action was dismissed with costs. An appeal is being considered.

Morphine at Mountain Depôts.—Before the Manchester stipendiary magistrate on October 26, Mr. Wilson H. Hey, a Manchester surgeon, was summoned for re-fusing to disclose transactions in morphine with mountain rescue squads since 1934, when the Home Office had refused to sanction the provision of morphine for such purposes. For the Director of Public Prosecutions, it was stated that the case had been brought after Mr. Hey had corresponded with the Home Office and had been interviewed by a deputy inspector of the D.D. branch of the Home Office. At the interview Mr. Hey said that unless he received permission to issue morphine to rescue squads he would not assist the inspector. He admitted he had supplied ampoules of morphine to twenty-seven rescue depôts during the past seventeen years, and that the drug had been administered to casualties by people other than doctors or surgeons. It was appreciated by the prosecution that Mr. Hey was an extremely distinguished surgeon, and that nothing sinister attached to his motives in supplying the drug, but it was clear that he had defied the authority of the Secretary of State and broken the law. the defence it was argued that the offence was a technical breach of the regulations. In Mr. Hey's view, to transport someone with a fractured limb down a mountainside without first administering morphine was like carrying out a major operation without an anæsthetic. Only trained members of rescue squads were allowed administer the drug. When permission to issue morphine in 1934 had been refused, Mr. Hey had been put in a dilemma. He finally decided that public need must override departmental inertia and continued to issue the drug. In fifteen years, 12 grains of morphine was unaccounted for. The stipendiary magistrate imposed a penalty of £10, with £10 10s. costs. While there had been a humane intention in putting the drug at rescue stations, there had been a breach of the law.

#### **EXAMINATION RESULTS**

THE following candidates satisfied the examiners in the Chemist and Druggist Qualifying examination.

England and Wales, September
Jean
by, Rita
Wales, September
Jones, Dorothy L. (Mrs.)
King, P. D.

Allen, Jean Appleby, Rita Barnes, Charles Bennett, Joan M. Bentley, Frederick Birchall, Mary T. Blackeby, Gladys M. Booth, T. G. Broch, Renee (Miss) Bryant, R. G. Campbell, H. C. Collis, Etheldreda M. Cook, Cecily A. (Mrs.) Davies, Margaret De Faye, R. C. Dobson, B. Ebdon, Kitty S. Eddy, Bettine M. Edwards, Dorothy Edwards, E. H. Fitzpatrick, Joan M. Fletcher, Dorothea M. Garnett, S. A. Gibson, R. G. Glaister, Isabel F. Griffiths, R. E. Harris, C. Hibberd, L. A. Hodgkinson, D. P. Hopkins, Irene M. Hopkyn-Rees.

Dilys Charlotte Hughes, Gwenda Ivory, S. A. Jarvis, Eva P.

Agnew, Edward Allan, Vera M. Balf, H. L. Barlow, Seaton Barron, H. G. Beard, Audrey M. Bland, Dennis Blyth, Robert Bolland, Herbert Brayshaw, Shirley Britton, R. W. G. Brotherton, Eileen A. C. Brown, Margaret M. Bullock, Audrey C. Chapman, D. H. Charlton, G. Clayton, Gaynath A. Coglan, R. T. Cohen, Sam Cordingley, G. J. Cummins, Frank Davidson, James Davison, Anthony Dickie, George Dinwoodie, David, A.

Kitchen, S. W. Lloyd, W. R. Locker, P. H. Mathews, Mary A. Mills, Jean P. O'Connor, J. W. Pearce, Margaret Hilda Portalski, J. Plummer, Joyce Poole, June M. M. Radcliffe, Ernest Rigby, Duncan Robinson, M. W. Rugg, J. R. Sampson, B. Schocher, P. Shaw, S. J. Shewell, H. T. Smith, M. Smith, Moira Spencer, Margaret J. Tanner, J. V. M. Thorp, P. J. Vokes, Joyce Walton, J. Whelch, J. H. Whitworth, Enid Wightman, W. H. C. Wills, B. A. Womack, T. H. H. Woodrow, J. K. Yates, J. B. Yeo, N. G. Scotland, September

Hunter, Andrew Hutchison, James Ingham, H. A. Ironside, D. R. Ives, B. D. Johnson, E. R. S. Johnston, W. J. Jones, A. C. Kay, D. J. Lean, Thomas Liddle, H. C. D. Lo, Hung Pui McDonald, George Mackay, K. F.
Mallon, Louise
Martin, Millicent E.
Mason, William Mitchell, R. R. Morgans, D. L. Naismith, G. A. C. Nicholls, C. J. North, Bernard Picker, Maurice Roberts, I. L. Roberts, Marion Rhys Dyer, Leslie Elder, Ronald Fearon, Joyn A. Ferrie, Harry Foster, D. W. Girdwood, R. D. Glover, D. S. Gration, Mark Gray, Margaret S. Greaves, Doris M. Greenwood, Bobby Heap, G. F. Hechle, J. C. Hill, M. Hooson, W. E. Howse, E. L. Hughes, S. J. Hughes, T. L.

Roberts, T. L. Shaw, Margaret Simmons, A. D. Sizer, John Smithies, Gilbert Speakman, Kathleen C Spillane, J. B. Thornton, Roy Tinsley, Gladys Turner, Kenneth Walker, Myra Wallace, D. A. Warrington, Valerie D Wilner, Lewis Wilson, Alan Worrall, Geoffrey Zuck, M. H.

The following pharmacists passed examination for the Associateship of Royal Institute of Chemistry held in So tember: - Lewis E. Coles, Allan M. Co rie, Kenneth I. Walker.

#### MARRIAGE

DICKSON-FRASER.-At St. Columb Church, Edinburgh, on October 24. Willi M. Dickson, M.P.S., son of the late Mr M. Dickson, M.P.S., Craigard, Armad Thurso, Caithness, to Sheila I. Fra M.P.S., 35 Marchmont Crescent, Edinbu

#### DEATHS

HARRIS.—On October 20, Mr. J Harris, M.P.S., 16 Velwell Road, Exe aged seventy-four.

STATHER.—At his home, 193 Ring Road, Sheffield, On Octo low 18, Mr. William Booth Stather, M.I governing director of W. B. Stat Ltd., Sheff Infirmary Road. 34 aged seventy-one. For years prior to 1914 he had been dispe at Sheffield Royal Infirmary. At funeral service on October 21 at Cathedral (where Mr. Stather had leader of the Young Men's Bible C the local branch of the Pharmaceu Society was represented by Messrs. R Drinnan and S. Durham. Waring and A. F. Armstead (manage branches of the business) were also pre

Sulkin.—On October 28, Mrs. Sulkin, wife of one of the directors Sulkin & Sons, Ltd., wholesale suncmen, 93-95 Bolsover Street, London,

WATT.—At his home, 177 Great tern Road, Aberdeen, on October 18, William Watt, M.P.S. Mr. Watt qua in 1899.

#### **PERSONALITIES**

MR. W. I. C. MILES, manager of the gical department of Elliotts & Australi Drug Pty, Ltd. (a division of Drug uses of Australia, Ltd.), has retired after otal service of forty-five years with the partment.

MR. J. HAMPSON, a Northern representaof Evans Medical Supplies, Ltd., for enty-eight years, has retired after a total vice with the company of forty-six years. H. FARDON (manager, Charles Midg-Ltd., an associate company) has red after twenty-eight years' service.

MR. A. H. NEWCOMBE, M.P.S., who has en up an appointment with Abbott



Laboratories, Ltd. (C. & D., October 29, p. 588) was apprenticed with Boots, Ltd., at Exmouth, Devon, and later stayed with that company, serving in branches the throughout country until the outbreak of war in 1939. During the war he commanded various R.A.F. radar stations, and was discharged in

uary 1945. Since then he has been emyed by W. J. Bush & Co., Ltd., London. MR. H. NOBLE, secretary of the tional Pharmaceutical Union, contribual etter to "The Times" on October to counter the suggestion by an earlier respondent that chemist-contractors re not welcoming the return of medicine tles.

MR. W. H. ADCOCK, M.P.S., D.Opt., o was re-elected chairman of the West nerset Pharmacists' Association at its first ual meeting, recently, has been, since 7. in business on his own account at Fore Street, Taunton—a pharmacy eslished in 1815. Mr. Adcock qualified 1936, and later served for eleven years a managerial position. He played a ling part in forming the Association. MR. J. VERNON BRAITHWAITE, M.D., C.C.P., who distributed the prizes at the cester School of Pharmacy recently (see 639) is a son of the late Mr. J. O. ithwaite, Ph.C. (a former Bell Scholar

and Pereira Medallist) and a brother of Miss D. M. Braithwaite, Ph.C., who for many years until her retirement in June 1948 was superintendent of the prescription checking department of the National Pharmaceutical Union. He is consulting pædiatrician to the Leicester hospitals.

SIR HENRY COHEN, M.D., F.R.C.P. (Lond.), F.F.R. (Hon.), F.I.S.Ch. (Hon.), J.P., who has been elected chairman of the committee appointed by Central and Scottish Health Services Councils to look into the prescribing of "drugs and medicines of doubtful value" and "unnecessarily expensive brands of standard drugs" (see C. & D., October 29, p. 584) has been professor of medicine at the University of Liverpool since 1934, is vice-chairman of the Central Health Services Council and a member of the Pharmacopæia Commission. Among his other appointments Sir Henry is the Crown representative on the General Medical Council, and chairman of the Liverpool region Hospitals Board. Born in 1900, he was educated at the Universities of Liverpool, London and Paris and commenced a brilliant career by graduating M.B., Ch.B., in 1922, with first-class honours and a distinction in every subject. He is associate editor of "British Surgical Practice," and is a director of the Liverpool Repertory Theatre.

MR. H. F. WHITE, Ph.C., F.C.S., is senior joint managing director of Giles, Schacht & Co., Ltd., Bristol (see p. 643), the other managing directors being his two brothers Messrs. D. H. White, Ph.C., and R. White, Ph.C. He was apprenticed with his father at the pharmacy of the company in 1890. As the drug rooms on the premises contained specimens of "practically every herb, bark and root that had been used in medicine since 1821," he studied materia medica there under ideal conditions. Moreover, "as we manufactured nearly all the official galenicals, my laboratory training was thorough and usually, but not always, interesting. When, for example, pulv. glycyrrh. co. was given me to make, my first job was to pound senna leaves in an iron mortar until I had persuaded 4 lb. of them to pass through a 100 mesh drum sieve. That preparation was not popular with me." Mr. H. F. White qualified as a chemist and druggist in 1894, and passed the Pharmaceutical Chemist examination the following year.

#### B.P.C. "TEST" CASE DISMISSED

In Dublin district court on October 12 the Justice dismissed a case in which, at an earlier hearing (see C. & D., October 1, p. 454), he had refused to give a direction in favour of the defendant. The Food and Drugs Department of Dublin Corporation, at the instance of their inspector, prosecuting Samuel T. Smith, M.P.S.I., 101 Terenure Road East, Dublin, for having sold on June 21, a jar of chillie paste alleged not to be of the nature, substance and quality demanded. The prosecution submitted that the article should have been in accordance with the British Pharmaceutical Codex, 1934, formula (which, in addition to oleoresin of capsicum, contains menthol, chloral hydrate camphor). The defence argued that the chillie paste sold by Mr. Smith and supplied to him by a large and reputable Dublin firm of wholesale and manufacturing chemists was strictly in accordance with a formula for chillie paste known to pharmacy for fifty years or more, and further submitted that the British Pharmaceutical Codex, unlike the British Pharmacopoœia, was merely a book of reference on formulas, and had no legal existence as a work of standards either in Ireland or Great Britain. At the previous hearing Mr. Smith, a reputable chemist, had received undesirable publicity, and customers reading the report might think he was in some way to blame, when in fact he was blameless. Mr. Smith was anxious to have it made clear that he was in no way at fault.

The Justice: If he had been convicted I would have made it clear that he was merely the vendor of a proprietary article, which he sold as he got it from the makers. The trouble is that it is rather difficult to prosecute the wholesalers if they are at fault.

Mr. Smith, giving evidence, that he had been in pharmacy since 1908, qualifying in 1917. He had always understood that chillie paste, which was used to stimulate circulation in the area to which it was applied, consisted of bruised capsicum pods and a paraffin base or simple ointment. Never in his experience had he heard of chillie paste prepared to a formula that included menthol, camphor and chloral hydrate. He had tried to get a jar of chillie paste made to that formula in retail and wholesale houses in Dublin but had failed. The Codex was a useful book of reference and had some excellent

formulas, but he would not accept it a standard binding upon Irish pharmacis

Mr. James J. Kerr (a former registrar the Pharmaceutical Society of Ireland), v stated he had been in pharmacy for for nine years, and had had much experie of making up chillie paste. The princi constituent in a proprietary chillie proposed was capsicum, and he never detected smell of menthol or camphor in it. In view the Codex was not an official publition, but a useful book of reference. himself looked more frequently to "Pha aceutical Formulas," published by The Chemist and Druggist—the official or of the Pharmaceutical Society of Irelan as a useful publication giving formu

Mr. A. L. Smith (a chemist on the s of May, Roberts (Ireland), Ltd., who s plied the chillie paste sold by the defends stated that his firm had sold chillie paste 1914, and it had always been m up with extract of capsicum and a pet eum base. Mr. John J. Roche (princ of a pharmaceutical business, president the Irish Drug Association, and a mem of Council, Pharmaceutical Society Ireland) stated that he never thought chillie paste as having anything bey capsicum as its principal ingredient.

Mr. James G. Coleman (registrar, Pl maceutical Society of Ireland), who que fied in 1942, told the Court that due his thirteen or fourteen years' experie in the wholesale and manufacturing sof the drug trade he had frequently m up chillie paste; it was always made if the essence of bruised capsicum pods in paraffin base, with the addition of flavoing.

Having heard witnesses for the defe the Justice said that the evidence be him was that innumerable preparations the past forty or fifty years, or perl for a 100 years longer, were sold as ch paste. To convict, he would have to sure that there were certain inflexible st dards with which Mr. Smith did comply, but of these there were none. T being so, he dismissed the case. He satisfied that the prosecution had b brought in all fairness, with a view safeguarding the public interest, and w out any personal animosity against particular chemist or manufacturer. enable the decision to be tested in another Court, if desired, he would allow defendant £2 2s. costs.

#### THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

J. F. PLATT-MILLS asked the ister of Supply on October 24 why oactive isotopes had been supplied to man universities for the purpose of nic research by the Harwell atomic rech station. MR. G. R. STRAUSS replied no radioactive isotopes had been supd for atomic energy research in Gervy. Isotopes had been supplied for lical and general research purposes inst orders sponsored by the British intific Advisor in Western Germany. Conditions of sale included obligations oublish the results of the research work to permit visits in connection with it.

#### M.S. Arrears in Edinburgh

IEUTENANT-COMMANDER CLARK-HUTCHIasked the Secretary for Scotland on
ober 25 if he was aware that many
nists in Edinburgh were being faced
a serious financial difficulties owing to
long delay in settlement of their
runts for services rendered under the
ional Health Service, what steps he
taking to expedite settlement of outding claims, and what administrative
sures he proposed to take to ensure
in the coming year, accounts rendered
chemists in Scotland would receive
npt payment.

IR. WOODBURN (Secretary for Scotland): stantial monthly payments to account been made to all chemists at rates have recently been increased, with ospective effect. An abbreviated system of ing, designed to produce a quicker final ement, is now being put into operaand its continuance is being discussed representatives of the Scottish chem-Under the new scheme there has a large number of prescriptions comd with what had been anticipated. To with them under the old system ld have required a very big increase of and we are reluctant to add to that. sked by MR. MACLAY whether he was re that a week or two ago there were ly claims all over Scotland from chemwho had received no payment for four, or six months and that in the effort to r some of the back claims proposals been made which, if accepted would n that chemists were asked to take h less than they had expected when the me first started, Mr. Woodburn replied that was not the case, and "in any case I do not think that the chemists can complain of their remuneration."

#### Results of Prescription Tests

SIR HUGH LUCAS-TOOTH asked the Minister of Health on October 27 what information he had about inaccurate dispensing by chemists taking part in the National Health Service; the total number of pre-scriptions dispensed during the quarter ended June 30, 1949; how many prescriptions had been actually checked; and what proportion of those checked disclosed inaccurate and improper dispensing respectively. Mr. Aneurin Bevan replied that the number of prescriptions dispensed in England and Wales during the quarter ended June 30, 1939, was about 46 millions, including 1,753 test prescriptions, of which ninety-six had been referred to the Pharmaceutical Committees of Executive Councils for further consideration. results were not yet fully available.

#### Return of Medicine Bottles

MR. James Harrison asked the Minister of Health if he had now prepared a scheme to arrange for the return of empty medicine bottles. Mr. Bevan replied that the present arrangement involved a reduction in the allowance paid to chemists for containers from 2½d. to 1¼d. per prescription, coupled with an appeal to the public to return medicine bottles. That method was preferred by the representative organisations of chemists to the alternative of a deposit system, on the grounds that it would obviate difficulties between chemists and patients that had arisen under the old National Health Insurance scheme when a deposit system was in force.

#### Contraceptives By-law

In reply to questions by SIR HENRY MORRIS-JONES, MR. D. L. LIPSON and MR. W. TEELING on October 20, THE HOME SECRETARY (Mr. Chuter Ede) said he had given careful consideration to the question of contraceptives being sold from slot machines in certain areas of Greater London, Kent and Surrey, and had come to the conclusion that the social mischiefs involved were so serious as to require immediate action. He had accordingly given instructions for a model by-law to be drafted prohibiting the sale of contraceptives by means of automatic machines.

#### TRADE NOTES

Sole Distributors.—Douglas Walker Products. Ltd., 15 Abinger Road, London, W.4, have been appointed sole distributors throughout the British Isles of Hildenbrand pine extract. Special terms are available to wholesalers.

Dispensing Pack.—The Denver Chemical Mfg. Co., 12 Carlisle Road, London, N.W.9, notify that Antiphlogistine is now being put up for dispensing purposes—tax free—in quantities of ½ doz. 10½-oz., 16-oz., 32-oz., or 5-lb. sizes.

Shampoo "Cushions." — Gloria shampoo is being issued by the makers, A. & F. Pears, Ltd., Isleworth, Middlesex, in trans-



parent plastic, cushion-shaped sachets, each sufficient for one shampoo, in gilt boxes of three. The sachets do not break or leak, and so may be carried in handbag or pocket. The shampoo will continue to be available in bottles.

A Question of Spelling.—In an announcement by Vitamins, Ltd., 23 Upper Mall, Hammersmith, London, W.6, in the advertisement pages of the C. & D., recently, the item Pregnavite in a list of the company's preparations was wrongly spelled.

Window Lighting Switch. — Time Switches & Instruments, Ltd., 5 Victoria Street, London, S.W.I, have introduced a timeswitch — the Danby — that enables shopkeepers to leave on their shop window lights or signs to be automatically switched off at a predetermined time.

Airways Staff Photographs.—An exhibition of photographs taken along the routes of the British Overseas Airways Corporation by staff cameramen was held in London, recently. It comprised 114 enlarge-

ments, all on photographic papers manufactured by Kentmere, Ltd., Staveley Westmorland.

Now in Three Colours.—The Methe drine inhaler, which is issued by Burrough Wellcome & Co., Euston Road, London N.W.I., is now being issued in display outers of twenty-four cartoned inhalers in an assortment of the three colours in which the inhaler has been made available Orders for twenty-four or more are supplied at bonus terms.

National Advertising.—C. J. Hewlett & Son, Ltd., 35 Charlotte Road, Londor E.C.2, announce that an advertising cam paign for Hewlett's teething jelly, due t commence on November 1, will include advertisements in the national and provincia Press and on the London Transport system. Bonus terms are offered by the mant facturers for window displays of the preparation,

South-west and Midlands Distributor—J. R. Gibbs, Ltd., Paignton, Devon, hav been appointed distributors in South-we England for the packed preparations an H.H. medical specialities of Hough, He season, Ltd., Manchester, 19. In the Midlands area (see C. & D., October 22, 555), John Knox (Midlands), Ltd., 36 Dea Street, Birmingham, 5, will distribute whe speedier deliveries can be effected than I John Knox (Stoke-on-Trent), Ltd.

Price List.—Copies of a new price lissued by British Chemicals & Biologica Ltd., 43 Regent Street, Loughboroug Leics, are available to any retail or he pital pharmacist who makes application the company. The list follows the sty of earlier Genatosan price lists, giving the purchase tax as a separate item. The makers point out that Genalax laxative not yet available and that penicillin oin ment should be deleted from the list.

Competition Prizewinners.—The fithree prizewinners in a window disple competition for Brylcreem organised by to manufacturers, County Perfumery C. Ltd., Honeypot Lane, Stanmore, Midd sex, were:——I (£100), Thomas Brown (Chemists), Ltd., 51 London Road. Stotton Heath, Warrington; 2 (£50), Palmi Stores (Pharmacy Department), Hamms smith, London, W.6; 3 (£25), Longfor Pharmacy, Ltd., 35 Edge Lane, Stretfor Manchester. There were also twenty consolation prizes of £5 each.

New Style Container.—Sharp & Johme, Ltd., West Hill Laboratories, Ioddesdon, Herts, are now issuing Sucrets



zenges in blue and cream enamelled tins acked in 1-doz, show outers at more favtrable terms.

Tax-free for Dispensing.—Clinical Proucts, Ltd., 2 The Green, Richmond, Survy, announce that the following specialies of the company are now exempt from urchase tax for dispensing purposes ly:—Menopax tablets (250 and 1,000); Persomatablets (250 and 1,000); Persomatablets (250 and 1,000); Isobrom tablets (250 and 1,000); Menopax antiprutic cream (4-0z. and 8-0z.); and Polyest antipruritic cream (4-0z. and 8-0z.)

Revised Prices.—Burroughs Wellcome Co., 183 Euston Road, London, N.W.1, nounce that prices of ergometrine and its impounds were increased on November 1. GLAXO LABORATORIES, LTD., Greend, Middlesex, announce alterations, ective since October 31, in the ices of their radiological products Pyetan and Pyelosil. No change has been ade in the prices of Visco Pyelosil and electan Retrograde.—Potter & Clarke, CD., 60 Artillery Lane, London, E.1, annunce that the prices of Thompson's slip-

pery elm food are being changed on November 5; details are given on another

Jugo-Slav Trading Agents.—The agents in London for the Jugo-Slav State trading organisation Jugolek are Chas. H. Windschuegl, Ltd., I Leadenhall Street, London, E.C.I. Jugolek controls the sale of all Jugo-Slav botanical and other crude drugs; culinary herbs; essential oils (principally juniper berry, rosemary and sage); fine chemicals, including certain alkaloids of opium; glycerin, pancreatin, etc. Jugo-Slavia has payments agreements with the United Kingdom and with several western European countries, including Western Germany. Under the terms of the U.K. agreement Jugo-Slavia was to take pharmaceutical raw materials valued at £300,000. The Jugo-Slav dinar was not devalued in terms of the U.S. dollar, and the present rate for the £1 sterling is 140 dinars (against a former rate of 201.50 dinars). The present policy of holding export prices at their former level wherever possible may be revised should imports from the sterling area cost more.

Pocket Guides to Exposure.—Kodak, Ltd., Wealdstone, Harrow, Middlesex, have issued Verichrome daylight, Panatomic-X daylight and Super-XX daylight Kodaguides,



a series of pocket exposure guides printed in the carton colours that distinguish each grade, and sealed in clear polished plastic. Being  $2\frac{1}{2} \times 3\frac{3}{4}$  in. in size, with rounded corners, they may be carried easily in pocket, handbag or camera case. An exposure table for each film allows for four types of daylight condition and four types of subject, illustrations of which are given.

November 5, 1949

#### **BRANCH ACTIVITIES**

Mansfield Officers Elected.—At the annual meeting of the Mansfield Branch of the Pharmaceutical Society on October 27, the following officers were elected:—Chairman, Mr. L. Webber; Vice-chairman, Mr. H. Tingey; Treasurer, Mr. G. O. Smith; Secretary, Mr. C. H. P. Robinson, Mansfield General Hospital.

Weston-super-Mare Officers.—The following officers were elected at the annual meeting of the Weston-super-Mare Pharmaceutical Association held recently:—Chairman, Mr. J. Chalmers; Vice-chairman, Mr. M. K. Wadham; Secretary, Mr. E. H. Rake, Worle Pharmacy, Weston-super-Mare; Treasurer, Mr. H. S. Bailey. The main business of the meeting was the drawing up of rules for the Association.

Bristol Joint Meeting.—A well-attended meeting of the Bristol branches, Pharmaceutical Society and National Pharmaceutical Union, was addressed by Mr. T. Heseltine (a member of Council) on October 13. Members were given information derived from close contact with officials administrating the National Health Service, and many problems which have arisen in the last twelve months in addition to a number of local problems were discussed.

Plymouth Scientific Meeting.—A scientific meeting of the Plymouth Branch of the Pharmaceutical Society was held on October 20 when a film entitled "The Preparation of Diphtheria Antitoxin and Prophylactics" was presented to a mixed audience of pharmacists, medical officers, nursing staff and student associates. The chairman (Mr. A. G. M. Madge) introduced Mr. E. C. V. Summerfield who gave an outline of the history and development of antitoxins since their introduction into medicine. He gave diagrams to illustrate the various antigens, their place in immunology, and their practical application in human medicine. In discussion after the film, Dr. Johnstone (medical superintendent, Swilly Isolation Hospital, Plymouth) replied to several questions.

Biochemistry Discussed at Dundee.—At a meeting of the Dundee Branch of the Pharmaceutical Society on October 19 Mr. H. T. Thomas, Kelso, spoke on "The Pharmacist as Clinical Biochemist." At question time Mr. S. Mitchell asked what had prompted the speaker to take up that type of work, and Mr. Thomas replied that

local doctors had inquired about the lil lihood of analysis being done locally. I began by undertaking simple analys Gradually more intricate tests came way, and he had found it necessary to ta study classes. Among the samples he ceived for testing were the following: Grain (for check on moisture conten lubricating oils (presence of linseed oi sand (presence of organic matter); s (pH value). Some of the tests took only short time, and payment was adequate

P.A.T.A. Secretary at Worcester. At a recent meeting of the Worces Branch of the Pharmaceutical Society, N H. E. Chapman (secretary, Proprieta Articles Trade Association) spoke on subject of price control. Without a s tem of price control, he said, chem: would have no assurance that the fix prices they observed would not be und cut by competitors. Chemists were me liable than any other traders to suf through price-cutting which v usually started by the big stores, taken by the grocers and finally, in self-defen adopted by the chemists. At the meeti Mr. G. E. Baldry was elected President Mr. E. Cowe Vice-president. M. A. N. Foulkes was re-elected Treasu and Mr. N. V. Mills, 142 Malvern Ro. Malvern. Worcs, Secretary.

N.H.S. Discussed at Harrogate.—At meeting of the Harrogate Branch of Pharmaceutical Society held on Octol 20, Mr. T. Heseltine spoke on Natio: Health Service matters. He said that Ministry of Health had set up an App Board to help contractors in difficulty, a was also prepared to have the six Testi Scheme analysts checked periodically accuracy. Despite earlier attempts by el tic hosiery manufacturers, chemists still tained the power to measure and fit hosic and supply trusses, under certain con tions. At the moment the Ministry v meeting doctors and chemists to discuss doctors' stock order scheme. A sche working in Scotland allowed doctors draw stocks on N.H.S. forms. The Pharn ceutical Negotiating Committee oppos this, but would consider it if the suppl were small and restricted to drugs a dressings used by doctors on emerger calls out of shop hours. He assured me bers that they could supply all drugs N.H.S. prescriptions, whatever their co

ccessive prescribing was the doctor's resnsibility, said the speaker.

Walthamstow Joint Meeting.—A joint eeting of the East Metropolitan Branch the Pharmaceutical Society and the althamstow Pharmaceutical Association is held on October 18, Mr. T. W. Hill hairman of the Association) presiding. r. I. MacDonald (general field manager, C. Nielsen Co., Ltd.) gave an address "Marketing Research and its Relation Pharmacy." He outlined the reasons for arketing research, how the work was unrtaken, and the importance of its findgs to the manufacturer and the retail emist. Giving figures, he said that, for ample. Nylon tooth-brushes had fallen in pularity in two years from 80.9 per cent. 65.2 per cent. Research showed that, of e people who left the pharmacist to shop sewhere, 35 per cent. did so through lack service. If N.H.S. continued at its prent rate, 75 per cent. of the chemists' siness would still be "over the counter" ide, which should not be neglected. exatives headed the list (in cash value) r sales of commodities in pharmacies, folwed by toilet soaps and oral analgesics. r. S. R. Smith, Leyton, proposed a vote thanks, which was seconded by Mr. T. James, Walthamstow.

Liverpool Discusses Effects of N.H.S. Some aspects of pharmaceutical practice ider the National Health Service were scussed by Mr. Donald Hudson (a memr of Council, Pharmaceutical Society) at meeting of the Liverpool Chemists' Assoation and Branch on October 20, Mr. . E. Shepherd presiding. Mr. Hudson id that the effect of the first year of H.S. in the southern part of the couny had been a steady decline in the nount of private dispensing, and private irsing-home accounts had declined or sappeared. Although the volume ork had vastly increased, the net finanal result had varied little or nothing. escribing the effect the Service had upon e functioning of the establishment he pernally controlled, Mr. Hudson said that e number of prescriptions dispensed out contract hours remained at about 5-10 r cent. of the total. During his thirty ars' experience, before N.H.S. it had en rare to have prescriptions prented to him costing more than four or re guineas. It was now not uncommon r a prescription to be brought in with

an ingredient cost of more than £60.-Questions relating to pharmacy were discussed at an informal meeting (with refreshments) of the Association and Branch held a week later (on October 27). Mr. W. E. Shepherd presiding. The advisability or otherwise of selling goods over the counter during rota duties was discussed, and members were of opinion that they should supply anything that could justifiably be called a medicine. The frequency of test prescriptions in Liverpool was stated to work out to one per chemist every 18-24 months. Another problem discussed was how to deal with special proprietaries which were ordered by doctors for a short while and then dropped. A local clearing-house scheme was suggested by one member, and another advised the purchase of minimum packs where prescribing was suspected to be the result of a traveller's influence.

Dartford Branch Dinner.-The Dartford Branch of the Pharmaceutical Society held a dinner on October 27. Dr. G. E. Foster proposed the toast of the Society, and Mr. J. F. McNeal, who responded as its vice-president, stressed the onerous duties of Council members, and asked for more interest by members in the annual Council election. The toast "The Dartford Division of the British Medical Association" was proposed by Mr. G. Sinclair Ross, who said that in his district the medical practitioners had always worked well together with pharmacists. Replying, Dr. S. T. Barrett (chairman of the Division) said that, so far, the National Health Service had worked well; it depended in large measure on the efficient and constant co-operative services of the medical and pharmaceutical professions. "The Dartford Branch" was proposed by Mr. J. R. Barr (Dartford Technical College), who said that the Branch's success was due to the pioneering spirit of its officers and committee, who were representative of all sections of pharmacy. The Technical College had been able to arrange refresher courses at their request during the past four sessions. Mr. G. H. Sheard (Branch secre-He thanked Mr. Barr for tary) replied. the interest he had shown in arranging the refresher courses. Their success was shown by the request for more. The toast "The Ladies and Visitors" was proposed by Mr. J. Simpson and was responded to by Miss E. W. Robertson (Branch vicechairman).

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OL. CLII NOVEMBER 5, 1949 No. 3637

The Shilling and its Repercussions RESERVING its strong wine for its afternoon session, the Conference of branch repesentatives of the National Pharmaceutial Union got quickly to work at 2 o'clock on October 26 (see C. & D., October 29, o. 603) to say what it thought of the shiling-or-less charge on N.H.S. prescriptions -and that was not much. Complete unaninity was expressed that (a) the charge was ontrary to the principles of the Service econdly that (b) the levy would have mportant repercussions on many aspects the pharmaceutical service. nention only a few of the repercussions, back into the melting-pot will go the negoiations at present in progress on the basis f Drug Tariff prices and on bulk presriptions for institutional patients; the ottle allowance will take on a completely lifferent aspect when-or if-money has o be collected by chemists from patients; consense is made of the present advance ayment; and the effect on the total inome of the pharmacist may prove so great s to compel a demand for the contract erms to be re-negotiated. Unhappily. hese, and other items, at present constiute risks that cannot be gauged, because nformation remains lacking as to how the harge is to be levied. If the Government's im is, as stated, not revenue but to deter hose patients who have been abusing the ervice in order to secure something for othing from visiting the medical man's urgery, then there is much to be said for he point of view explained (not necessarily advocated) at the Conference by Mr. W. J. Tristram: namely, that the deterrent would be more effective if levied on the patient at the surgery and not on the chemist's "customer" at the dispensary. No doubt the doctors would be hostile to such a suggestion, but as the pharmacist is in any event probably going to be much penalised by loss of revenue for faults which are certainly not his, there seems no just cause for saddling him with the extra work into the bargain. The method would certainly help in eliminating doubts and inequalities arising from whether payment is "per prescription" or "per form."

Speculations apart, there is cause for satisfaction to members of the N.P.U. in the speedy reaction of the N.H.S. (Chemist Contractors) Committee in seeking an interview with the Minister on the whole field opened up by the Premier's "bombshell" (the word was much on Mr. Noble's lips), and to the Committee in the clear statement of view it has had from a Conference so providentially timed.

#### A Pharmaceutical Initiative

The recognition of an elected group of hospital pharmacists as a pharmaceutical advisory committee to a Regional Hospital Board, reported on p. 617, may be taken, it is to be hoped, as indicating the shape of things to come, and hospital pharmacists in many areas are to be congratulated on taking the initiative towards making good what they rightly regard as omissions in the administrative structure of the hospitals service.

The matters on which pharmacists are able to give expert advice at the Regional Hospital Board level include the more rational use of scarce drugs; improved liaison between the pharmaceutical staffs of the hospitals in an area, possibly with an increased degree of division of labour; the best use of the manufacturing facilities of hospitals in the region; locum arrangements, etc.

Increased service to the patient and economy would result from a proper application of the advice. In addition, the fact that pharmacists, through regional pharmaceutical associations, could take part in improving the efficiency of their

hospitals would provide added incentive in the daily routine.

The existence of elected pharmaceutical advisory committees to regional boards might prove of no less value, in its own way, than the appointment of a comparatively small number of pharmacists to serve on the hospital boards—a proposition the Ministry of Health is understood to have been considering for some time. However, the two arrangements are by no means incompatible if the pharmacists' representatives on the hospital committee are taken from the pharmacists' own committees of the kind now functioning in North-west London.

#### Chemotherapy of Malaria

PRESENT knowledge of malaria and its treatment was usefully summarised by Professor N. Hamilton Fairley, F.R.S. (Wellcome Professor of Tropical Medicine, London School of Hygiene and Tropical Medicine) in his Croonian lectures delivered earlier in the year to the Royal College of Physicians ("British Medical Journal," October 15, p. 825, and October 22, p. 891).

A difficulty that confronts the effective chemotherapy of the disease is, as he points out, the fact that the causative organisms exist in a number of forms, each of which reacts differently to drugs. Plasmodium vivax and P. malariæ, for example, exist in five forms: the sporozoite (a transitional form transferred from the mosquito to man); the pre-erythrocytic form in the liver; the schizont (which produces the fever) in the red blood corpuscle; the exo-erythrocytic forms in the liver (which are resistant, produce new broods of schizonts, and therefore cause relapses); and the gametocytes, which are infective to mosquitoes. P. falciparum does not develop the exo-erythrocytic stage, but is otherwise similar to the other two species. Quinine, mepacrine and chloroquine, are effective against schizonts only, and therefore offer no complete cure of P. vivax infections, which may continue untouched in the exo-erythrocytic form. Mepacrine and chloroquine appear to act as prophylactics against P. falciparum

possibly by quickly destroying the schizor Proguanil acts on the pre-erythrocy form of P. falciparum as well as on scl zonts and gametocytes of all species. It therefore a true prophylactic of falciparu malaria, and a suppressant of P. vivax i fections: it also renders P. vivax games cytes non-infective to mosquitoes. The amino-quinolines (such as pamaquin, pe taquine, etc.) have an effect on the p erythrocytic and all subsequent forms, a therefore give hope of combined clinic and radical cure and prophylaxis of forms of malaria. Unfortunately th toxicity makes them useless for propl laxis, or for the control of schizogo Until a less toxic compound is discover a number of drugs must continue to used, depending on the species of paras and the purpose of treatment.

Research is hampered because no stable animal is known that can be experimentally infected with any of the hum species of the malaria parasite. The tensity of the research, however, is sho by the fact that in America alone 14,0 new compounds have been tested therapeutic action in bird malaria, a over 100 of them were later tested man. New hope that malaria organic closely related to the human parasite recome available for chemotherapeutic search has been provided by the discov of *Plasmodium berghei* in Congo tree r

#### FIFTY YEARS AGO Those Were the Days

(From the C. & D., November 4, 180 AT the Malton County Court on Octo 25, before Judge Raikes, Q.C., Those Henry Slack, a boy living at Norclaimed (through his mother, Sarah Slack 10 10s. damages from John Span chemist and druggist, Norton, for injuffered by plaintiff from the defendance of the selling plaintiff a nox substance as a cure for headache... cross-examination, plaintiff said he hapenny ice-cream in the market on Saturday night. He had ham and eggs tea on Saturday, the same again for broads of Sunday, and for dinner two plof Yorkshire pudding and two plates almb and potatoes. He began to fee about 4 o'clock on Sunday.

#### WORLD HEALTH EXPERTS REPORT PROGRESS

REPORT of the work of the World Health rganisation's Expert Committee on Biogical Standardisation, given at its third sion held in London in May, was published cently. The Committee has decided to fer establishing a standard preparation antipertussis vaccine until the relation tween its immunising potencies in labotory animals and man has been cleared and until it has been established that sults by different workers are comparable. help reach agreement on the bacterial ntent of reference preparations of the ccines, samples of the U.S. National Intutes of Health turbidity standard (a susnsion of particles of resistant glass in iter) are to be made available to intered laboratories, and the Committee is viting the opinion of research workers on suitability of the standard for antirtussis vaccine counts.

The committee is also recommending at the World Health Organisation should the Government of India to arrange to t seed virus for the preparation of smallx vaccine by comparison in rabbits with lated strains of human variola virus, d that preparations of purified diph-ria and tetanus toxoids for intertional standards should be compared The Department of h plain toxoids. ological Standards, National Institute of edical Research, London, had supplied preparation of streptococcus antitoxin t appeared suitable for an international ndard; estimates of its potency in perican units are being made by wors in four countries.

The committee has decided that the innational unit for tetanus toxin shall iceforth be the same as the U.S. unit; weight of the international standard paration at present corresponding to t potency is therefore to be doubled, the inge taking effect on July 1, 1950, at latest.

#### posed New Standards

The committee has accepted a proposal the National Institute that eight specil salmonella antisera should be pre-ed. Antisera against strains of *Proteus* garis are to be made and examined in countries for their suitability as interional standard preparations. The Detment of Biological Standards is to be horised to secure a sufficient quantity of vitamin B<sub>12</sub> to enable a standard to be established.

A third international standard for digitalis has been prepared, using batches from three countries. Its activity is to be defined on the results of assays to be carried out in seventeen laboratories in nine countries. A second standard sample of penicillin G (II) is also to be prepared, and a reference preparation of dihydrostreptomycin established. The crystalline preparation of vitamin D<sub>3</sub> is to be adopted henceforth as an international standard for vitamin D; the international unit of activity will be equivalent to the activity of 0.025 µgm. of the standard preparation of the crystalline vitamin D<sub>3</sub>. Until the stability of vitamin D<sub>3</sub> has been confirmed, the present solution of irradiated ergosterol will be kept as a reference preparation. The unit of vitamin A has been defined as being the activity of 0.344 µgm. of the standard preparation of crystalline vitamin A acetate equivalent to 0.3 µgm. of vitamin A alcohol.

#### Insecticides Committee

A report on the work of the Expert Committee on Insecticides has also been published. Work done in the United Kingdom and the United States on the specifications of insecticides has been used to draw up standards of stability, chlorine content, ash, etc., of DDT.

The committee recommends that the following names should be used, in preference to trade names or synonyms, in order to avoid confusion:-

Name recommended DDT (dichloro-diphenyl- Gesarol, Neocid, ENB-A, trichlorethane) BHC (benzene hexachloride) Chlordane Parathion Toxaphene

Trade name and synonyms SBLY Gammexane, 666

Velsicol, 1068, Octa-Thiophos Chlorinated camphene 3956, Hercules 3956

The committee contradicts rumours concerning the toxicity of DDT to man and mammals.

U.C.H. Pharmacopæia.—A new edition of the Pharmacopæia of the University College Hospital, edited by Mr. T. D. Whittet, Ph.C., D.B.A., comprises  $147 ext{ } 5\frac{1}{2} ext{ } x ext{ } 4 ext{ in.}$ pages, interleaved and with added tear-off blanks.

#### BANQUET TO MR. G. A. MALLINSON, O.B.E.

A VERY representative gathering of all sections of pharmacy and the drug and allied trades, and representatives of Government Departments supported the banquet given by the National Pharmaceutical Union in London on Wednesday, October 26, in honour of Mr. George A. Mallinson, O.B.E., on the occasion of his retirement from the office of secretary, a position he had held since the formation of the Union in 1921. Mr. J. Hearle (chairman, N.P.U.), who presided, was accompanied by Mrs. Hearle, and was supported



Mr. G. A. Mallinson and Mr. and Mrs. J. Hearle.

by members of the Executive Council, branch secretaries and members of the N.P.U. from all parts of England and Wales. The many guests included Sir John and Lady Forster, Mr. H. Clement Shaw (president), and Mr. F. W. Adams, and Mr. Hugh N. Linstead (secretaries), Pharmaceutical Society of Great Britain, Dr. and Mrs. H. Davis, Miss C. Mozley-Stark, Miss E. M. R. Russell-Smith and Mr. F. F. Marchbank (Ministry of Health), Mr. F. R. Thornton (Home Office) and Mrs. Thornton. Trade and technical organisations were represented by Mr. J. McGregor (Pharmaceutical Society of Northern Ireland), Miss A. E. Strachan (Ulster Chemists' Association), Mr. John J. Roche (president) and Mr. Brendan Smith (secretary), Irish Drug Association, Mr. S. W. Hague (president) and Mr. H. E. Chapman (secretary) P.A.T.A., Mr. F. A. S. Gwatkin (chairman) and Mr. J. S. Walmsley (secretary) P.A.G.B., Mr. F. J. Andrews (secretary) P.D.A., and Mr. C. A. Williams (secretary) T.P. and P.M.F. The staff of the N.P.U. was represented by Mr. H. Noble (secretary), Mr. R. H. Kemp (secretary C.F.), Mr. J. Wright and their ladies,

as well as by Miss Beatrice Sharples and Miss Dorothy M. Braithwaite.

Mr. J. Hearle, in proposing the toast to the guest of honour (Mr. George Arthur Mallinson), reviewed the development of the National Pharmaceutical Union since its foundation in 1921 and said that today the N.P.U. with its many branches, al working for the benefit and protection o retail pharmacists, stood as a monument to the enterprise and ability of Mr. Mallinson In the course of his response MR, MALLIN son, who received a prolonged ovation expressed his sincere thanks and apprecia tion for the courtesy, kindness and en couragement he had received at all hand from the members of the Executive Coun cil, branch secretaries and members of th N.P.U., from officers and members of a other technical and trade organisation

connected with pharmacy and from officials of many Government Departments with which the N.P.U. was in almost daily contact. Mr. Mallinson said he would take this opportunity to send a message to the Branches and all members of the N.P.U. in England and Wales. The message, he said, was this: "On no



Mr. H. Noble

account should you allow the authority of the N.P.U. to be undermined; the N.P.U. must be the sole spokesman for the proprietor pharmacists." Continuing, M Mallinson said "Pharmacists can manag their own affairs and they should stan in the way of anybody who wants to injurpharmacy." "You have," he added, "first-class Executive and I appeal to ever member to give to their leaders and to M Noble, their secretary, and to Mr. Kem and to all members of the N.P.U. staff tha support and loyalty which they have alway given to me." On behalf of the Executiv and Branches Mr. G. H. M. Graham the presented Mr. Mallinson with a handsom silver tea service and a silver salver er graved with the facsimile signatures of a branch secretaries. Mr. Graham said th presentation carried with it the goo



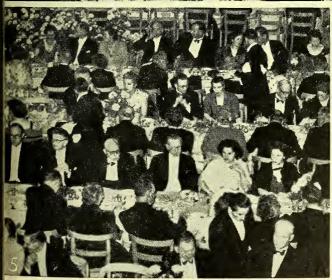
#### MR. MALLINSON HONOURED AT BANQUET

SOME VIEWS OF THE GUESTS









1. While Mr. H. B. Coulson (vice-chairman, N.P.U.) turns a professional eye on the cameraman, Mr. H. Clement Shaw, wearing the presidential badge of the Pharma ceutical Society, chats with Mrs. Coulson.

2. The guest of honour recalls old contests to Sir John Forster (independent president, N.J.I.C. for Retail Pharmacy).

3. A trio from Dublin—Mr, and Mrs, Brendan R, Smith and Mr, J. J. Roche (president, Irish Drug Association).
4. Joyous event though it is, Mr, T. Heseltine (right) can't quite forget the day's worries.
5. The photographer goes aloft for a downward look at guests,

wishes and sincere thanks of all members of the N.P.U. and they regretted that Mrs. Mallinson was not well enough to be present on this memorable occasion. A presentation that was "as unexpected as it was pleasing," and one that was greatly appreciated by the company, was then made by Mr. John J. Roche (president, Irish Drug Association) in the form of an Irish blackthorn walking stick. [It was later referred to by other speakers shillelagh]. Mr. Roche asked Mr. Mallinson to accept "this token presentation" as an earnest of the goodwill of the Irish drug trade and as an expression of appreciation

Gelsemine hydrochloride. (S.1.) (4)

of the benefit Irish pharmacy had deriv from the pioneer work of the N.P during the past years. In accepting th gifts, Mr. Mallinson said they would treasured by his wife and himself and th would be reminders of the many go colleagues and friends he had worked wi Referring to the "shillelagh" Mr. Mall son said "I could have made good use that about three years ago." The toast the "N.P.U. and its allied organisation was proposed by Sir John Forster w the response given by Mr. H. Nob "Our guests" was proposed by Mr. S. STEARN, Mr. H. N. LINSTEAD respondi

#### **POISONS LAW. 1935-49**

#### 14. B.P.C., 1949, Statutory Names

(Continued from The CHEMIST AND DRUGGIST, October 29, p. 601).

† Emp. plumbi c. sap. in massa. (S.1.) (5) († Emplastrum plumbi cum sapone in massa; Plas-ter-mass of lead with soap; † Plaster-mass of Glycerinum atropinæ, B.P.C., 1934. (S.1.)
(ATROPINE SULPHATE, 0.25% w/v.)
Glycerinum diamorphinæ, B.P.C., 1934. (S. Soap; Soap plaster-mass.) (Ex. A. as machine-spread plaster.) †Emp. plumbi in massa. (S.1.) (5) (†Diachylon; †Diachylon plaster-mass; †Empla-strum plumbi in massa; †Lead plaster-mass.) (Ex. A. in machine-spread plasters.) †Emplastrum resinæ in massa. (S.1.) (5) (HEXAETHYLTETRAPHOSPHATE. (†Resin plaster-mass.) insecticides or fungicides.) (v. † Emp. plumb. c. coloph in massa.) (Ex. A. in machine-spread plasters.) Emp. roborans, B.P.C., 1934. (S.1.) (6) (PLASTER-MASS OF LEAD, B.P.C., 72.7% w/w.) (v. Emp. ferri; Strengthening plaster.) (Ex. A. in machine-spread plasters.) Emp. salicylicum compositum, B.P.C., 1934. (S.1.) (6) (Extract of Cannabis, 10% w/w.)
(Ex. S.1. on machine-spread plasters.) drops of atropine.)
†Guttæ carbacholi. (S.1.) (5) imp. salicylicum compositum for 1934. (S.1.) (6) (Extract of Cannabis, 20% w/w.) B.P.C., compositum fortius, (Ex. S.1. as machine-spread plasters.) † Emp. saponis in massa. (S.1.) (5) (v. †Emp. plumbi c. sap. in massa.)
Emp. saponis fuscum, B.P.C., 1934. (S.1.) (6) (Contains Lead as acetate and as compounds with fixed oils; state proportion as PbO, Rule 19(2) and Sch. 6.) MIDE.) (v. Emp. cerati saponis.) (Ex. A. as machine-spread plaster.) Ergotinine. (S.1.) (4)
Ergotoxine. (S.1.) (4)
Ergotoxine phosphare. (S.1.) (4)
† Extract of suprarenal cortex. (P.1.) (13)
(v. † Ini, suprarenal. cort.) and mercuric chloride ) †Factory Eye Drops. (S.1.) (5) (Ex D.D.)
(v. †Guttæ cocainæ et hydrargyri perchoridi oleosæ.) Ferri arsenas. (S.1.) (4) (IRON ARSENATE.) (WORPHINE HYDROCHLORIDE, 0.4% w/w.)
(v. Insuff. bismuthi et morphinæ, B.P.C., 1934.) †Guttæ pilocarpinæ (S.1.) (5) (†Eve-drops of pilocarpine. P) †Gee's linctus. (P.I.) (13) (†v. Linct. scill. opiat.) Gelsemine. (S.1.) (4)

(D.D.) (1) (DIAMORPHINE HYDROCHLORIDE, 0.05% Glycerinum hypophosphitum co., B.P.C., 19 (P.I.) (10) and (13) (STRYCHNINE, 0.023% w/v.) H.E.P.P.". (P.II.) (16) (Sch. 7 (6)) (Ex A, in substances other than agri-horticult †Guttæ æ hylmorphinæ. (S.1.) (5) (Ex D.D.) (†Eye-drops of ethylmorphine.) †Guttæ atropinæ (S.1.) (5) (v. †Guttæ atropinæ sulphatis.) †Gut'æ atropinæ oleosæ, (S.1.) (5) (†Oily eye-drops of atropine.) †Guttæ atropinæ sulphatis. (S.1.) (5) (†Gutt. atrop. sulph.; †Guttæ atropinæ; † (†Eye-drops of carbachol.)
†Guttæ cocainæ. (S.1.) (D D.) (1)
(†Eye-drops of cocaine.) (Contain 1.83% w/v of Cocaine Hydrochlori † Gut'æ coca ne et homatropinæ. (5.1.) (D.D.) (†Eye-drops of cocaine and homatropine.)
(Contain 0.91% w/v of Cocaine Hydrochlori and 0.91% w/v of Homatropine Hydro †Gut\*æ cocainæ et hydrargyri perchloridi oler (S 1.) (5) (Ex. D.D.) (†Factory eye drops; †Oily eye-drops of coc †Guttæ cocainæ oleosa. (S.1.) (D.D.) (1) (†Oily eye-drops of cocaine.) (Contain 0.91% w/v of COCAINE.) † Guttæ eserinæ. (S.1.) (5) (v. †Gu'tæ physostigminæ.) †Guttæ homatropinæ. (S.1.) (5) | Guttæ nomatropinæ. (S.1.) (S) (†Eye-drops of homatropine.) (†Eye-drops of hyoscine.) (†Eye-drops of hyoscine.) (†Guttæ physostigminæ. (S.1.) (S) (†Eye-drops of physostigmine; †Guttæ eserin †Guttæ sulphacetamidi fortes, N.F. (S.1.) on'v) (2) (†Strong eye-drops of sulphacetamide.)

uttæ sulphacetamidi mites, N.F. (5.1.) (Rx only) (2) (†Weak eye-drops of sulphacetamide.)

austus barii sulphas (Not listed) Excepted by definition.)

(austus chloralamidi. (P.I.) (13) † Draught of chloralamide.)

v. † Haustus chloralformamidi.) laustus chloralformamidi. (P.I.) (13)

†Draught of chloralformamide.) v. † Haustus chloralamidi.)

laustus chloralis, N.F. (P.I.) †Draught of chloral hydrate.)

Identical with Haustus chloralis, N.F.) laustus chloralis et potassii bromidi, N.F. (P.I.)

†Draught of chloral hydrate and potassium bromide.) Identical with Haustus chloralis et potassii bro-midi, N.F.)

ebra's oin ment

†PLASTER-MASS OF LEAD, B.P.C., 50% w/w.) (v. Ung. plumbi oleatis, B.P.C., 1934.) enbane, †Egyptian. (\$.1.) (4)

(v. † Hyoscyamus muticus.) lenbane seed. (P.I.) (8)

St. if over 0.15% Hyoscyamine.)

ydrargyri et zinci cyanidum. (S.1.) (4)

Mercury and Zinc Cyanide.)

("Lister's salt" is no longer a statutory synonym.)

Ex S.1. in surgical dressings.)

S.1. in surgical dressings.) yoscyami semen. (P.I.) (8) (S.1. if over 0.15% Hyocyamine.) v. Hyocyamis seed; Henbane seed.) yoscyamis seed. (P.I.) (8) (S.1. if over 0.15% Hyocyamine.) yoscyamis muticus. (S.1.) (4) (†Egyptian henbane.) natia. (S.1.) (4) (Contains about 20% STRYCHNINE and

Ratia. (3.1.) (4) (Contains about 3% STRYCHNINE and BRUCINE.) nfusum digitalis recens. (P.I.) (Ex S.1.) (9) (†Fresh infusion of digitalis; †Infusion of digitalis; †Infusion of digitalis; †Infusion of digitalis; †Inf. digit. rec.) fusum ergotæ recens, B.P.C., 1934. (S.1.) (6)

(ERGOT, 1 in 20.) ni. amylobarbitoni sodii. (S.1.) (Rx only) (2) (Label sealed container with amount of Amylo-

BARBITONE SODIUM therein.) (B.P.C. doses, 0.3 to 1 gm., 5 to 15 gr.)

ni. benzocain. co. (P.I.) (13) (†Injectio benzocainæ composita; †Compound injection of benzocaine.)

injection of Benzocaine.)
(Contains 3% of Benzocaine.)
(J. digitalini, B.P.C., 1934. (S.1.) (6)
(DIGITALIN, 3% w/v.)

1). ferri et arseni, B.P.C., 1934. (S.1.) (6) (ARSENIC TRIOXIDE, 0.13% w/v.) nj. lobelin, hydrochlor. (S.1.) (5)

(†Injectio lobelinæ hydrochloridi; †Injection of lobeline hydrochoride.)

(State amount of LOBELINE HYDROCHLORIDE in I

(B.P.C. doses, 3 to 9 mgm., 1/20 to 3/20 gr.)
(DISPENSE: 3 mgm. in 1 mil or 1/20 gr. in 15
min., which strength is Ex S.1.)

nj. methylamphetamin. hydrochlor. N.F. (\$.1.) and (Sch. 7 (1))

Injectio methylamphetam:næ hydrochloridi; †Injection of methylamphetamine hydrochor-(†Injectio

(State amount of METHYLAMPHETAMINE HYDRO-CHLORIDE in 1 mil or in 15 min.)

(B.P.C. doses, 10 to 30 mgm, 1/6 to ½ gr.)
(DISPENSE: 20 mgm, in 1 mil or ⅓ gr. in 15 min.)

(N.F. orders 1.5 mil ampoules containing 30 mgm. unless otherwise directed.)
(N.B. Sch. 7 (1) (caution in red) Rule 20(2)

(a))

Inj. morphinæ, B.P.C., 1934. (S.1.) (D.D.) (6) (MORPHINE HYDROCHLORIDE, 2.5% w/v.) †Inj. oxyphenarsin. hydrochlor. (S.1.) (5)

(†Injectio oxyphenarsinæ hydrochloridi; †Injection of oxyphenarsine hydrochloride.)
(Label sealed container with amount of Oxy-

PHENARSINE HYDROCHLORIDE.)

(B.P.C. doses, 30 to 90 mgm., ½ to ½ gr.) † Inj. oxyphenarsin. tarc. (S.1.) (5) (†Injectio oxyphenarsinæ tartratis; † Injection of oxyphenarsine tartrate.) (B.P.C. doses, 45 to 90 (PHENARSINE TARTRATE)

mgm.,  $\frac{3}{4}$  to  $1\frac{1}{2}$  gr.) † Inj. papaveret. (S.1.) (D.D.) (1)

(†Injectio papavereti; †Injection of papaveretum.)

(Content of ANHYDROUS MORPHINE, 1% w/v.) † Inj. pentobarbiton. sod. (5.1.) (Rx only) (2) († Injectio pentobarbitoni sodii; Injection of pentobarbitone sodium.)
(Label sealed container with amount of Pen-

TOBARBITONE SODIUM.)

(B.P.C. doses, by intravenous injection, o.1 to 0.2 gm.. 1½ to 3 gr.)

†Inj. sod. stiboglucon. (S.1.) (5) (†Injectio sodii stibogluconatis; †Injection of

sodium stibogluconate.) † Inj. sulphad.m.din. sod. (S.1.) (Rx only) (2) († Injectio sulphadimidinæ sodii; † Injection of sulphadimidine sodium.)

†Inj. suprarenal, cort. (P.I.) (13) (†Injection suprarenal corticis; †Injection of suprarenal cortex; †Extract of suprarenal cortex.)

("Cortin" no longer statutory synonym.)
Insuff. adrenalinæ, B.P.C., 1934. (P.I.) (13)
(Adrenaline, 0.075% w/w.)

Insuff. bismuthi et morphinæ, B.P.C., 1934. (S.1.) (D.D.) (1) (MORPHINE HYDROCHLORIDE, 0.4% w/w.)

(v. Ferrier's snuff.)

(D. Ferrier sident)
Insuff, men'holis et cocainæ, B.P.C., 1934. (S.1.)
(D.D.) (1)
(Cocaine Hydrochloride, 0.14% w/w.)
Laudanum, Sydenhams (S.1.) (D.D.) (1)
(Moonthing (M. w./w.))

(MORPHINE, 1 % w/v.) (v. Tinct. opii crocata.) †Linctus camphoræ compositus. (P.I.) (13)

†Linetus campnoræ compositus, (F.I.) (13) (v. †Linet. opii camph. co.)
†Linet. chlorof, et morph. co. (P.I.) (13) (†Linetus chloroform et morphinæ compositus; †Compound linetus of chloroform and morphine; †Mistura chloroformi composita.)

† Linct. diamorpli. (S.1) (D.D.) (1) († Linctus diamorphinæ; Linctus of diamorphine.)

(Contains 0.91% w/v of DIAMORPHINE HYDRO-CHLORIDE; 1/20 gr. in fl. dr.)

†Linct. diamorph. et hyoscy. (S.1) (D.D.) (1) (Replaces Linct. diamorph., B.P.C., 1934.) (†Linctus diamorphinæ et hyoscyami; †Linctus

of diamorphine and hyoscyamus.)
(Contains Diamorphine Hydrochloride, 0.91% w/v; 1/20 gr. in 1 fl. dr.) Linctus diamorphinæ camphoratus, B.P.C., 1934.

(\$ 1.) (6) (Ex D.D.) (DIAMORPHINE HYDROCHLORIDE, 1/40 gr. in 1 fl. dr.) Linctus diamorphinæ cum ipecacuanha, B.P.C., 1934.

(\$ 1.) (6) (Ex D.D.) (DIAMORPHINE HYDROCHLORIDE, 1/40 gr. in 1 fl. dr.) Linctus diamorphinæ et scillæ, B.P.C., 1934. (S.1) (6) (Ex D.D.)

(DIAMORPHINE HYDROCHLORIDE, 1/40 gr. in 1 fl. dr.)

(To be continued)

#### **NEW BOOKS**

Hints Prescribing under the on National Health Service Act.—J. B. Primmer, M.P., Ch.B., D.P.H., J.P. 7<sup>1</sup>/<sub>4</sub> in. x  $4\frac{7}{8}$  in. Pp. 51 + seven unprinted pages for notes. 3s. 6d. Research Books, Ltd. (William Heinemann, Medical Books, Ltd.), 99 Great Russell Street, London, W.C.1. A former member of the Fife Panel Committee and scrutineer of prescribing presents a compilation of formulas in an alphabetical arrangement of ailments and conditions. The aim has been to present "simplicity combined with efficiency," and for that reason inert colouring and flavouring agents are omitted. Consistent use of the book by prescribers would do much to correct tendencies to wastefulness in prescribing.

Practical Pharmacognosy. — B. Hébert, Ph.C., and K. W. Ellery, Ph.C. 8½ in. x 5½ in. Pp. 372. Baillière, Tindall & Cox, 8 Henrietta Street, London, W.C.2. This new text-book gives schemes for students' work in the laboratory and makes no claim to present a complete course in the subject. The contents are divided into thirteen sections showing the general method of macroscopical and microscopical examination of plant parts, "subterranean structures," insects, unorganised drugs, starches, surgical dressings and filtering materials. There is a section on numerical estimations of stomatal numbers and indices, vein-islet numbers and palisade ratios. An appendix gives formulas for reagents. As is perhaps natural in an outline study, the authors show a tendency to describe museum specimens of drugs, giving little more than a passing reference to atypical specimenswhich so often form a large percentage of commercial samples.

Crystalline Enzymes.—John H. Nor-throp, Moses Kunitz and Roger M. Herriott. 94 x 6 in. Second edition. Pp. 352. 42s. Columbia University New York, U.S.A. (London: Ge Cumberlege, Amen House, Wa Press, Geoffrey Warwick Square, London, E.C.4). Investigations on the isolation and chemistry of bacteriophage and the proteolytic enzymes carried out in the Rockefeller Institute for Medical Research were described in a series of Jesup lectures given at Columbia University in 1938 and formed the substance of the first edition of the work under this title. that time ten enzymes had been isolated, crystallised and found by the authors to be proteins, though their findings were scep cally received in some quarters. Sin then, the number of enzymes obtained crystalline proteins has reached thirty-fiv The new edition, like its predecessor, co cerns itself almost exclusively with we done at the Institute, but the twenty-fo pages of bibliography included in the v ume enable the reader to relate the sults with researches carried out elsewhe New material includes a discussion of t method of preparation and the propert of two new enzymes: ribonuclease a hexokinase. Also discussed are the so bility method for determining the pur of proteins; the reactions of enzymes a protein with mustard gas; and the isolati of crystalline diphtheria antitoxin. Metho of preparing and isolating the substan dealt with are described in an appendix the work.

National Insurance.—Douglas Pott M.A., and D. H. Stansfeld, B.A. x 6 in. Pp. 553. 30s. (postage 1s. exti Butterworth & Co. (Publishers), Ltd., I Yard, Temple Bar, London, W.C.2. second edition, necessarily more comp hensive than the volume that appea shortly after the National Insurance received Royal Assent in August 19 takes in all regulations issued during first year's working of the Act (i.e., up July 5, 1949). The texts of the regulati are printed in chronological order in B III. The Act itself comprises Book In Book I the general background of Act is reviewed, in order to give point the universal character of the system brought into being. Other chapters of with benefit and claims: administral and finance; and legal proceedings offences under the Act. Read in conju tion with Statutory Instruments issued s sequent to July 5, 1949, the work i complete and detailed guide to the wl subject of social insurance, and must pr indispensable to employers and employ alike to whom queries from time to to present themselves. Typographically volume leaves something to be design When the quantity of material to be cluded dictates so small a type as been used, the publishers might cons setting two columns to a page. As it is, eye, on reaching the end of the line of has difficulty in connecting immedia with the next.

#### SCHOOL PRIZES

Leicester.—The distribution of prizes arded for the 1948-49 session at the hool of Pharmacy, Leicester College of chnology and Commerce was held on ctober 25, Mr. E. J. Fitchett (chief pharicist, Leicester Royal Infirmary) in the Also present were Mr. A. R. G. lamings (a former head of the School),

Haslegrave (principal of College), Mr. W. Bream (chairman, School Advisory mmitee), Mr. C. Gunn (head of the hool). Mr. Gunn thanked the donors for eir generosity, and said that applicams for the Chemist and Druggist course r the year would be numerous, and aces would have to be limited since it is necessary to ensure the majority of aces for students proceeding to the deee or to the Ph.C. diploma. The Hannam ophy was presented by its donor. (The p is awarded annually to the winner a dispensary competition, and was won

a student who later won the Umney ize). Dr. J. Vernon Braithwaite, who prented the prizes, said "I think professions e yours and mine should be much in the refront today, because with us there can no clock-watching, no going-slow."

ne names of the prizewinners are given

the following list:

Leicester Branch prizes: (Intermediate courses) essrs. J. K. Bratt, P. G. Halford, H. K. Exley; h.C. and B.Pharm. courses) Messrs. A. M. A. tha, K. J. Gillings, R. C. Webb, H. Cherszwicz; A de St. Dalmas & Co., Ltd., prizes: essrs. B. G. Jelley, F. J. Page, G. C. Ivens, J. Goode; The British Drug Houses, Ltd., ize: Mr. W. J. Wright; E. H. Butler & Son, d., prize: Miss G. D. Woolnough; Pharmaceuti-Society. Ucal. and School of Pharmacy Advi-Society, Ucal, and School of Pharmacy Adviry Committee prizes: Mr. W. J. Wright; George unnam prize: Mr. B. G. Jelly; A. R. G. Chame prize: Mr. K. J. Gillings; Mr. A. H. Preston's izes: Mr. I. Harris, Mr. K. J. Gillings,; Evans edical Supplies, Ltd., prize: Mr. B. G. Jelley. Manchester.—The following prizes were esented at the speech day of the pharacy department of Manchester Univerty on October 15 (see C. & D., October p. 597):-

Evans Medical Supplies, Ltd., and James A. colley Sons & Co., Ltd.: Miss E. Fenton; ough, Hoseason & Co., Ltd.: Mr. J. H. Bridge; Grifiths Hughes, Ltd.: Miss J. I. Horrocks; len & Hanbury, Ltd., Association President's d Branch Chairman's: Mr. R. S. Baker; Thomaserfoot & Co., Ltd.: Mr. J. D. Murray; Manester Pharmaceutical Association's: Mr. J. Armong; Pharmaceutical Society's: Mr. J. B. Wilkins, Manchester Branch: Mr. F. Burgess n; Manchester Branch: Mr. F. Burgess.

Mr. J. C. Hanbury presented the prizes.

#### BIOLOGICAL POLYMERS

AT the eighth meeting in London recently of the fine chemicals group of the Society of Chemical Industry, Professor M. STACEY (Birmingham University) lectured on "Biological Polymerisation with special reference to Polysaccharide Synthesis." Dr.

F. Bergel (chairman) presided.

high Biological polymers, said the lecturer, were perhaps mostly of the condensation type (though polyterpenes, like rubber, might be addition types): most of them were formed in aqueous media. Generally their structures were determined by the agency of complicated biological "catalysts" — the enzymes. Enzymes Enzymes could cause polymerisation and frequently depolymerisation. They were highly specific, and were carried in the gene and chromosome systems of living cells as part of the system of self-duplicating molecules. Little was known about the mechanism of "build-up" of self-duplicating molecules, though it had been shown that many (e.g., viruses) were largely com-posed of nucleoprotein. The polymerising and depolymerising enzymes of cells produced the phenomenon of growth, which was a characteristic of life. Workers were beginning to learn a good deal of the synthesis of polysaccharides, because enzymes had been isolated that could build highly complex macro-molecules from simple substrates. Pioneer workers had investigated the synthesis of glycogen by muscle enzymes, and had crystallised the enzyme that brought about the reversible conversion in vitro of glucose-l-phosphate In the plant field, the into amylose. phosphorylase enzyme, which converted glucose-l-phosphate into a straight chain polyglucose, had been isolated and shown to have 200 anhydroglucose units with the 1:4 \(\pi\)-linkages. Later a "branching" enzyme had been isolated that converted amylose into amylopectin in the presence of phosphate ions. Bacterial enzymes had been discovered that could convert sucrose into levan (polyfructose), into dextran (polyglucose) and into amylose, while recently it had been possible to convert polysaccharides (amylose types) having glucose linked in the 1:4 \( \alpha \)-positions into polysaccharides (dextran types).

increasing the Knowledge was of Research synthesis of cellulose. polysaccharide synthesis and on "transglucosidation" systems had opened up a new approach to biological polymerisation.

#### GUIDE TO NEW MEDICAMENTS

Information about new proprietary medicaments to be supplied principally on preseri tions. Editorial recommendation is not implied. Reprints obtainable on application

#### 1-THYROXINE-SODIUM Glaxo

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: Pure synthetic l-thyroxine-sodium.

INDICATIONS: Conditions requiring thyroid medication.

Dosage: As ordered by the physician.

How Supplied: Bottles of 100 and 1,000 tablets each containing 0.05 or 0.1 mgm.

#### CREMOTHALIDINE

Manufacturer: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: A flavoured suspension of phthalylsulphathiazole (Sulfatha dine) (6 gm, in 1 fl. oz. of suspension).

INDICATIONS: Ulcerative colitis, abdominal surgery, infections of the urinary tract.

Dosage: Adults: 1 to 2 teaspoonfuls four times daily. Children: \(\frac{1}{2}\) to 1 teaspoon four times daily. Infants: \(\frac{1}{2}\) to 1 teaspoonful three times daily.

#### ANALOS

Manufacturer: Antigen Laboratories, Ltd., 95 Great Portland Street, London, W.1 Description and Formula: Sodium-free salt for dietetic purposes containing potassi chloride, 66; ammonium chloride, 12; potassium formate, 3; calcium formate, magnesium citrate, 1; starch, 17.

INDICATIONS: For all purposes where a sodium-free diet is necessary. How Supplied: Shakers for table use containing 56 gm., packs of 8 oz.

#### DISECRON

MANUFACTURER: British Schering, Ltd., 167 Great Portland Street, London, W.1.

Description and Formula: Injection containing 2.5 mgm. œstradiol monobenzo and 12.5 mgm. progesterone in 1-c.c. ethyl oleate.

INDICATIONS: Secondary amenorrhœa preferably of less than two years' duration.

Dosage: Threatened abortion: I c.c. intramuscularly twice or thrice weekly at f indication, continued three weeks after symptoms have subsided. Habitual abtion: Same dosage begun as soon as pregnancy is diagnosed. Secondary amen rhæa: I c.c. on each of two successive days. Repeat in twenty-eight days.

How Supplied: 1-c.c. ampoules (in boxes of 2, 10 and 25), and vials of 10 c.c.

#### TABLETS of PHENOBARBITONE and HYOSCIN

MANUFACTURER: Boots Pure Drug Co., Ltd., Station Street, Nottingham.

FORMULA AND DESCRIPTION: Tablets, each containing phenobarbitone sodium, 1½ and hyoscine hydrobromide, 1/100 gr.

Indications: Acute anxiety states, delirium tremens, mania and other conditions as ciated with confusion and delirium. Also for the control of night pain in per uleer and the treatment of travel sickness.

Dosage: Acute mental states: One tablet with water. Night pain in peptic ule One tablet immediately before retiring. Travel sickness: Half a tablet six hou How Supplied: Bottles of 25 and 100 tablets.

#### STOCK EXCHANGE PRICES

Quotations are the average for the days stated

21 unit unless otherwise stated	Sept.	30	Oct	. 31	£1 unit unless otherwise stated	Sept	• 3	Oct	. 31
	s.	d.	s.	d.		5.	d.	5.	d,
llbright & Wilson, ord., 5s	30	$7\frac{1}{2}$	30	0	Idris, "A" ord	28	9	28	6
llen & Hanburys, prefd. ord.			,		Ilford, ord. stock, 5s	23	1 1	23	11
7% cum mber Chemical, ord., 2s	30	0	29	41/2	Imperial Chemical Industries, ord. Imperial Chemical Industries, 7%	43	9	42	41
mber Chemical, 5% cum. pref.	23	42 12	5	0 1½	cum. pref. stock	20		28	11
scotts Pharmacies, ord. stock, 5s.	5	0	23 5	0	International Sponge Importers,	30	3	20	1 2
pro, ord. stock, 5s	21	3	21	3	ord. stock, 5s	2	6	2	9
echam Group, defd., 2s. 6d	14	9	12	6	Kent, G. B., & Sons, 5% cum.				
echam Maclean Holdings 4%			×.		ptpg. pref., 12s. 6d	13	9	13	9
red, cum. pref	18	9	18	1 1/2	Kershaw, A., & Sons, ord. 1s	I	$I^{\frac{1}{2}}$	0	9
pake, Roberts, ord., 5s pots (Eastern) "A" pfd. 6% cum.	30	0	28	9	Kleemann, O. & M., ord. stock, 1s. Laporte, Chemicals, ord. stock, 5s.	8	6	9	0
oots (Western) "A" pfd. ord.	27	٠,	27	0	Lever Brothers & Unilever, ord.	9	7½ 6	9 42	4½ 6
(7% non-cum.)	30	0	28	9	Lewis & Burroughs, ord, stock	26	0	-	101
oots Pure Drug, ord., 5s	50	0	48	o	Lewis & Peat, ord., 1s	I	3	1	3
orax Consold., defd. ord. stock	57	6	57	6	Liebig's, Extract of Meat, ord., £5	310	o	280	o
itish Alkaloids, ord., 1s	4	0	4	6	Macleans, 4% red. cum. pref	18	9	18	9
citish Chemicals & Biologicals,					Mellin's Food, 6% cum. pref	5	0	5	0
4% cum., red. pref	19	0	18	6	Milton Antiseptic, ord., 10s	20	0	20	o
itish Drug Houses, ord., 5s	0	9°	6	9	Mono Containers, 5s	15	0	15	0
ritish Glues & Chemic., ord., 4s.	19	6	19	0	Monsanto Chemicals, ord., 5s	52	6	51	О
ritish Industrial Plastics, ord., 2s.	5	0	4	9	Pears, A. & F., 5% deb. stock, irred		,		0/
ritish Optical & Prec. Eng., 5%	902	%	90	1%	Pest Control, ord., 5s	8		115	% 3
ritish Oxygen Co., ord. stock	94	0	92	0	Potter & Clarke, ord., 1s	2	6	2	6
itish Xylonite Co., ord. stock	75	0	67	6	D 1'44 0 C 1 4 1	103	11	101	3
otherton & Co., ord	20	1 1	20	0	Rolls Razor, prefd. ord., 10s	20	o	20	o
art, Boulton & Haywood, ord.	24	9	24	9	Sangers, ord. stock, 5s	23	9	2 I	6
ish, W. J., & Co., ord imwal, ord	77	6	77	6	Sanitas Trust ord., 10s	31	3	15	0
oper, McD. & Robertson, ord.	27	6	23	9	Savory & Moore, $5\frac{1}{2}\%$ 1st red.				
ow & Gate, ord. stock, is	2	42	2	3	cum. pref. stock Sherley, A. F., & Co., 8% cum.	21	6	21	3
ow, P. B., & Co., ord. stock, 4s.	4	3	4	0	prefd. ord	22	6	22	6
osfield, J., & Sons, 5% cum.					Smith & Nephew Associated Cos.,	22	١	22	U
pre-pref	23	$1\frac{1}{2}$	23	1 1/2	ord., 4s	16	6	16	6
ussons, Sons & Co., ord. stock 2s.	15	0	15	0	South African Druggists, ord., 5s.	18	0	18	9
stillers, ord. stock, 4s	27	6	25	6	Southalls (Birmingham), stock, 5s.	41	3	40	0
ubarry Perfumery Co., ord., 1s. unlop Rubber Co., ord. stock	3	0	61	0	Spa Brushes, ord., 2s	3	9	3	9
tergen Foods Co., ord. 2s	63	3	6	3 6	Sternol, 8% cum. ptpg. prefd.				
no Proprietaries, 5½% cum. pref.	18	9	18	9	ord., 10s	10	0	10	0
ucryl, stock, 2s	3	9	3	9	Stevenson & Howell, ord. stock, 5s.	22	6	20	0
vans Medical Supplies, ord. stock	32	6	31	3	Taylors, Cash Chemists, London,				
eld, J. C. & J., ord., 10s	26	3	26	3	6% cum. pref Taylors, Cash Chemists, Trust,	23	11	22	6
sons, ord. stock	27	6	28	3	6% cum. pref	0.0	1 1/2	22	6
sons, $4\frac{1}{2}\%$ cum. pref alloway, P. H., ord., 2s	20	6	21	6	Taylors Drug Co., 7% "A"	23	12		Ü
illette Safety Razor Co. shares	) 3		3	۰	cum. pref	28	9	26	3
(no par value)	<b>\$6</b> 0		\$67		United Glass Bottle, ord. stock	70	o	68	9
axo Laboratories, ord. stock, 10s.	350		370		Veno Drug Co., 12% cum. prefd.				
laxo Laboratories, 8% cum.	00-		0.		ord	27	6	27	6
prefd. ord. stock, 10s	17	23	16	63	Virol, ord	72	6	72	6
ossage, W., & Sons, 5% 1st.					Viscose Development Co., ord.		}		
cum, pref	23	15	23	12	stock, 5s	9	0	7	6
eeff-Chemicals Holdgs., ord., 5s. iffiths Hughes Proprietaries, ord.	18	7½ 9	10	9	Vitamins, 1s	3	9	3	$I^{\frac{1}{2}}$
ampshire, F. W., stock, 5s	72	6	72	6	Wesley, Harold, 5s	13	I ½	13	I 1/2
irst, Brooke & Southon, ord. 4s.	4	3	4	3	Whites (Timothy) & Taylors,				
orlicks, stock, 5s		10ž	26		$7\frac{1}{2}\%$ cum. pref	30	0	30	0
ovenden, R., & Sons, 7% cum.					Yardley & Co., ord., 4s	55	0	52	6
"A" pref	26	3	26	3	Yardley & Co., 2nd pref. (cum.)	23	3	23	3
		-		1	J.		1		

#### CORRESPONDENCE

Correspondents may adopt an assumed name for publication but must furnish their real name and address to the Editor

#### Committee Continues Pro Tem.

SIR.-Will you be good enough to announce in your columns that the Glasgow Pharmaceutical Committee will continue functioning until the Secretary of State for Scotland replies to the report on the "no confidence" vote, sent to him by the Executive Council for the City of Glasgow, when the Committee will reconsider its position.

J. M. WILLIAMSON, Secretary. Glasgow, S.W.1.

#### Vitamin E in Angina Pectoris

Sir,—The paragraph you published under the above title in "The Week in Parliament " (C. & D., October 29, p. 590) did not make it clear that the Lord President of the Council (Mr. Herbert Morrison) undertook to place all the relative papers on natural alpha-tocopherol before the Medical Council. It is the natural vitamin E, and not the synthetic E, that is used by Dr. Evan Shute and his associates, and it is that upon which all his successful research is based.

> Yours faithfully. A. MENZIES SHARPE Managing Director Bioglan Laboratories, Ltd.

Hertford.

#### The Shilling on Prescriptions

SIR,—I hope that both proprietor and employee pharmacists will protest strongly in all possible quarters against the levy of up to one shilling on N.H.S. prescriptions. It will hit the working man and his wife at a time when, owing to sickness, his income is at a low ebb. The trouble chemists had in trying to get a deposit on a bottle will be nothing to the trouble there will be over the shilling payment for medicine. Moreover, some chemists anticipate a 40 per cent. reduction in scripts. Surely the doctors can be persuaded to prescribe fewer "ethicals" and dressings. There would then be no need to penalise the sick and needy and add to the worries of the chemists.

Yours faithfully, A. E. BRADLEY.

Stockport,

#### Purchase Tax Uplift

SIR,—The case of the Attorney Gene v. this company, which was reported some length in your columns, has arous considerable interest, not only in this p ticular issue of a manufacturer selling retail, but also in much wider issues p ticularly that of manufacturers selling wholesale. Owing to the possibility of t case going to the Court of Appeal, I f that it would not be proper for me to of any comment at this stage, but in view the importance of the matter I shall very pleased to arrange for a copy of t official report of the hearing in the Hi Court-which includes, inter alia, the are ments of counsel, the remarkably interest ing evidence which was given on behalf the Commissioners of Customs and Exc and of course the judgment-to be sent any trade association or to any firm company that might be affected. Copies the report should be available shortly.

ERIC M. GAMAGE, Chairman, A. W. Gamage, L London, E.C. 1.

#### Abject Submission?

SIR,—What are pharmacists? First, abjectly submit to any terms that may offered to us without knowing in advar what those terms may be. Next we abject submit to an order (that envelopes m not be used for the dispensing of table that comes into force in a matter of d after its publication and entails considera financial loss. We further abjectly submit a 50 per cent. cut in the bottle allowan though the original allowance was considered fair by the Ministry. Are we submit abjectly once again, this time the slashing of our income by a reduct of prescriptions? Is it nothing that m of us have been put to considerable pense by way of structural alterations a engagement of extra staff in order to p vide an efficient pharmaceutical service Or are we at last to unite and refuse work the latest scheme? No doubt "representatives" will advise us to "w and see," but we know what that pol will mean-abject submission. What a R. C. STABLEFORD, pharmacists?

Director, D. Desmond & Co., L

London, E.16.

#### Shortcomings in Drug Packaging

SIR,—From time to time pharmacists ad of wonderful new packing materials r chemicals and pharmaceutical products, it many of them we have yet to see in se. Most drug houses still use antediluvian Hless jars for ointments, trusting to a ece of parchment paper to keep the connts clean and fresh. I have even known eliquescent materials such as ammonium loride sent out in paper bags! The shive" cork, too, is an exasperating relic at should be abolished. In fact the whole sestion of packing pharmaceutical and rgical goods in Great Britain needs gent consideration. If one draws the tention of any packers to a particular ult one is met with a metaphorical shrug the shoulders as if their correction is no ie's concern and outside human agency. nother matter about which I have seen mplaint after complaint over the last teen years is the minute lettering in hich the strength of potent drugs is stated on some firms' labels, yet nothing is done about it. "Passing the buck" is surely becoming an over-practised art.

Yours faithfully, Kingston-on-Thames. G. T. CULME.

#### A Principle Sacrificed

SIR,—It was with surprise and misgivings that I learnt of the proposed 1s. charge to be levied on N.H.S. prescriptions. The decision seems to defeat the main principle of the scheme: free provision of professional advice and medicaments to those in need. Many families will have difficulty in making these payments, particularly in prolonged illness, whilst those who were insured under the old N.H.I. will find themselves in the position of having for the first time to pay for their medicine in addition to a heavy weekly contribution. Once again, the majority have had to suffer for the few.

Yours faithfully, London, S.W.17. B. KENT JONES.

#### THE PROFESSION IN PRACTICE

4—The Pharmacy of Giles, Schacht & Co., Ltd., Bristol

HE pharmacy of iles, Schacht & o., Ltd., rebuilt in 880, stands on the osition (at the rner of Royal York rescent Clifton)

here Richard Bobbett Giles pened a chemist's shop in 1821. radition has it that Mr. Giles ewed a good beer there, and or a tankard of it discussed fairs with customers in the ar parlour. The pharmacy purished and was passed on to s son, from whom it was purased in 1874 by Messrs. J. W. Thite and A. Driver. After Mr. river's death five years later, t. White took into partnership 1880 Mr. G. F. Schacht (vice-

esident of the Pharmaceutical Society, 19-82, and a founder-member and twice esident of the British Pharmaceutical onference). Mr. Schacht developed the anufacturing side which has since become e dominant part of the business. After e retirement of Mr. Schacht, about 1895, r. White took into partnership his three ns (Messrs, H. F., D. H., and R. White), in devoted the remainder of his life to



botany (later becoming a Fellow of the Linnean Society and a Master of Science of Bristol University). The business was converted into a private limited company following Mr. White's death in 1932. Illustrated above is part of the interior of the pharmacy, showing one of the five arched windows that form a distinctive feature of the exterior of the present retail premises.

#### TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quanties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, Nov. 2

The markets for Pharmaceutical and FINE CHEMICALS have, for most products, 16s. 6d. formerly, BISMUTH PREPARATIONS and MINOR IODIDES have been brought into line with recent advances in the elements. Net rates for OPIUM ALKALOIDS are not yet available. Inquiry for CRUDE DRUGS has been only moderate in volume. There has, however, been a good request for Japanese AGAR with business done in Kobé Japanese AGAR with business done in Kobe No. 1 strip at 15s. 6d., duty paid; it is understood that merchants are not keen to hold stocks, as supplies on the other side are offering at as low as 9s. per lb., c.i.f., although no import licences are being granted at present. Forward values for Cape Aldes are now at 108s, per cwt., aif or the product is force Cayana. c.i.f., and the market is firm. Canada Balsam is tending easier with a parcel afloat offered at 15s. 6d. per lb., landed terms. Pará Copaiba balsam and Peru BALSAM on the spot are dearer; while Tolu is a firmer market, with few offers from origin. Sumatra BENZOIN is in good from origin. Sumatra Bexzoin is in good inquiry, especially for export, and the market is stronger. Ergot is now offered from Portugal at 20s. 6d. per lb., c.i.f., and the spot market is slightly easier. IPECACUANHA is in good inquiry with no supplies offering on the spot; it is reported that no further import licences for Colombian, Costa Rican or Nicaraguan root are to be granted until the New Year. Papain is firmer. Riubarba has attracted a good inquiry; supplies are not attracted a good inquiry: supplies are not plentiful on the spot and the market is tending firmer. SENEGA is in fair request with forward prices higher than that asked for spot supplies. Prices of SENNA are higher in India but the spot market is unchanged. It is reported that a small parcel of Turkish OPIUM afloat is dearer. owing to the new exchange rate, and will be from 7s. 3d. to 7s. 6d. per unit (basis 12 per cent. test). In Spices, prices of Ginger are again higher, and supplies of CARDAMOMS are still difficult to procure. TURMERIC is firmer at origin. MENTHOL on the spot is steady; small arrivals of Japanese menthol are reported but it is understood that they are in transit to the Continent. In ESSENTIAL OILS markets activity is a second of the second of kets activity has been centred around CITRONELLA and LEMONGRASS: both oils are firmer markets with spot supplies small. It is reported that there are no forward offers of Australian Eucalyptus and spot prices are being maintained. Expressed oils markets are dull: China is not offering crude TEASEED.

Exchange Rates on London
Rates at the opening on Wednesd

morning were:									
Centre	Quoted	Rate							
*Australia Amsterdam	Piastres to £ £A to £ Florins to £ Shillings to	97 <sup>1</sup> 97 <sup>1</sup> 125—125 <sup>1</sup> 10.63—10.6							
Brussels Copenhagen Dutch East Indies Dutch West Indies *Hong Kong	rupee Francs to £ Kroner to £ Florins to £	$   \begin{array}{c}     1/5 &   5 - 1/6 \\     139.90 &   140.1 \\     19.32 &   19.36 \\     10.63 &   10.6 \\     5.27 &   5.20 \\     1/2 &   1/2 &   3 \\     99 &   100 &   1   \end{array} $							
*Karachi Lisbon Manilla Montreal New York *New Zealand		$\begin{array}{c} 2/1\frac{37}{32} - 2/1\frac{1}{3} \\ 80.35 - 80.6 \\ 5.60 - 5.65 \\ 3.07\frac{3}{4} - 3.08 \\ 2.79\frac{7}{8} - 2.80 \\ 100\frac{7}{8} - 101 \end{array}$							
†Paris Rio de Janeiro *Singapore *South Africa Stockholm *Teheran	Francs to £ Francs to £ Cruzeiros to £ Shillings to £ KSA to £ Kronor to £ Rials to £ Francs to £	19.98—20.0 079—081 Braz, a/c 2/318—2/41 100—1001 14.47—14.5 89.40—91.0 12.23—12.26							

\* Free market rates; remainder Bank of Engla fixed rates.

†Forward francs one franc either side par month.

### U.S. Drug and Chemical Repo

Two producers of Procaine hyprochired have advanced their prices 25 ceper lb, owing to higher raw material abour costs. Their new price for 1,000 lots is \$4 per lb, More offerings of Methol from China, coupled with the level of demand here, have resulted in further decline in the price of the material; the inside level is now \$11 per lb, against \$11.35 per lb, a few degree of the material; the inside level is now \$11 per lb, against \$11.35 per lb, a few degree of the material; the inside level is now \$11 per lb, against \$11.35 per lb, a few degree of the material; the inside level is now \$11 per lb, against \$11.35 per lb, a few degree of the material; the inside level is now \$11 per lb, against \$11.35 per lb, a few degree of the semination of \$73 per lb, a few degree of the somewhat lower than the "official quotation of \$73 per flask, The Crudent present with winter lines not meet with the volume of demand usual at the time of the year due to the extended method the year due to the extended method a tight supply position in this reand consequently, the U.S. market has come firmer. There is very little demand consequently, the U.S. market has come firmer. There is very little demand and, as a result, the prices of the goods have not yet fully reflected thortage of supplies. Tolu balsam heen commanding a little more attenti

n reports to the effect that the former nty of 10 per cent., ad valorem, is about be restored on the article. Greater rength in CITRONELLA OIL is reflected higher prices for Hydroxy CITRONELLAL higher prices for HYDROXY CHRONELLAL,—which is now quoted at \$6.90 and \$7.35 er lb., against an inside price of \$6.75 reviously. The Ceylon oil has been used from 95 cents per lb. to \$1. Ineased demand for LEMONGRASS is repred, and supplies are very short. omestic CEDARLEAF and CEDARWOOD OILS are been reduced—the former from \$1.90 to the \$1.75 and the letter from \$1.90 to the \$1.75 and the \$1.75 er lb. to \$1.75, and the latter from 31 ents to 30 cents.

#### Pharmaceutical Chemicals

ADRENALINE.—B.P. is quoted from 3s. to s. 6d. per gm. for natural and 2s. to s. 6d. for synthetic; racemic, 2s. per gm. AMMONIUM CARBONATE. — Lump, B.P., 1-ton lots, packed in casks, is quoted at 12 10s. per ton. BICARBONATE, B.P., in ton lots, packed in non-returnable drums. quoted at £40 per ton.

ASPIRIN. — Steady, Home-trade price or Powder is 3s, 5½d, per lb, in 10-cwt. ts and 3s, 7d, per lb, in 1-cwt. lots.

ts and 3s, 7d. per lb, in 1-cwt. lots, cheduled rates per lb, for quantities of lb, and under 1 cwt. are: 4s. 6d. (1-lb, ntainers); 4s. 5d. (2-lb.): 4s. 4½d. 4-lb.); 4s. 3½d. (7-lb); 4s. 3d. (14-lb.); 5. 2d. (28-lb.). Net one month, Rates r. 1,000 for bulk supplies of TABLETS re: Under 5,000, 3s. 9d.; 5,000 and over 5,7d.; 10,000, 3s. 6d.; 25,000, 3s. 4d.; 0,000 3s. 3d.; 100,000, 3s. 2d.: 250,000, 5. 1½d.; 500,000, 3s. 1d.; 1,000,000, 3s. ATROBLETS Steady, Makany, vates you

Atropine. — Steady. Makers' rates per are: Alkaloin, 41s. 3d.; 4 oz., 40s. 9d.; oz., 40s. 3d. Sulphate, 32s. 9d.; 4 oz., s. 3d.; 25 oz., 31s. 9d.

Benzocaine. - Home-trade prices are ichanged at from 50s. to 52s. per lb.

Bromides.—Makers' rates in the United ingdom and Eire for Potassium, B.P. rystal) and Sodium, B.P., are as follows:—5 cwt., 2s. 4d.: 1 cwt., 2s. 5d.; 3 lb., 2s. 11½d.; 14 lb., 3s. 2d.: 7 lb., 3d. per lb. The potassium salt in wder is 1½d. per lb. more than the forcing prices. Ammonium, B.P.C., is 1d. r lb. more than the potassium and dium salts, Terms: Prices net. 1-cwt. tess or kegs charged: 28-lb. parcels free; aller containers charged extra. Schedule Bromides.—Makers' rates in the United naller containers charged extra. Schedule nantities may be made up of assorted lts down to 28 lb.

BUTYL CHLORAL HYDRATE. — In good upply; prices are from 17s. 6d, per lb. CALCIUM GLUCONATE.—Ouantities of unards from 3 cwt. are quoted at 3s. 6d. r lb.; 1 cwt.-2 cwt., 3s. 7d. per lb.; naller quantities up to 3s. 10d. per lb.

CHRYSAROBIN. — Quotations are from 5s. per lb. (1cwt. lots) to 35s. 9d. per l. (14-lb.). In good request.

CITRATES. — Prices are as follows:—POTASSIUM, 5-cwt, lots, 2s. 10½d, per lb.; 1 cwt., 2s. 11½d.; scheduled prices for quantities of 28 lb. to 1 cwt, are (containers in brackets): 3s. 9½d. (1-lb.); 3s. 7d. (7-lb); 3s. 6½d. (14-lb.); 3s. 7d. (7-lb); 180 AMMONIUM CITRATE, B.P., 7d. per lb. more; SODIUM B.P., 3d. per lb. less; powder, 1d. per lb. extra per lb. extra.

CITRIC ACID, B.P. — Steady, Makers' quote 1s. 5½d. per lb., less 5 per cent. for 1-cwt. lots, delivered in the U.K.

CREAM OF TARTAR. — Makers' rates for the home trade are unchanged: 10 cwt. lots, 148s. per cwt.; 5-10 cwt., 149s.; less than 5 cwt. and more than 2 cwt., 150s.; 1-2 cwt., 152s., delivered.

ETHER. — Current rates for the home ETHER. — Current rates for the home trade are as follows: SOLVENT, B.P., 1 ton, 1s. 10½d.; 10 cwt., 1s. 11½d.; 5 cwt., 2s. 0½d.; smaller quantities, from 2s. 1½d. to 2s. 6d, per lb. AN.ESTHETIC, B.P., 1 ton, 2s. 5½d.; 10 cwt., 2s. 6½d.; 5 cwt., 2s. 7½d.; 1 cwt., 2s 8d.; smaller quantities from 2s. 9½d. per lb. TECHNICAL is 1½d. per lb. less than solvent ether. The foregoing princes are for others pecked in winches. prices are for ethers packed in winchesters; in carboys or drums prices are 1½d. per lb, less.

Hexobarbitone.—Quotations are in the region of 77s. per lb.

ICHTHAMMOL.—Prices are from 3s. 8d. to 4s. 6d. per lb., according to quantity.

IODOPHTHALEIN. — Quotations are from 52s. 6d. to 60s. per lb., as to quantity.

Isopropyl alcohol. — Makers quote 15s. 3d. per gall, for small lots.

Magnesium oxide (B.P. Levis).—Prices for the home trade (per lb.) are as follows: Containers in brackets. 28 lb. to 1 cwt., 3s. 5d. (1-lb.): 3s. 4d. (2lb.): 3s. 3½d. (4-lb.); 3s. 2½d. (7-lb.); 3s. 2d. (14-lb.); 3s. 1d. (28-lb.) per lb. Larger quantities range from 2s. 4½d. to 2s. 6d. per lb. in 28-lb. packages, carriage paid.

METOL.—Steady, Prices per lb. are: 10 cwt., 19s.; 5 cwt., 19s. 6d.; 1 cwt., 20s.; 28 lb., 21s.; 14 lb., 23s.; 7 lb., 24s. Carriage paid in the United Kingdom.

Oxalic acid.—Prices are steady at about 133s. to 140s. 6d. per cwt., in 1-cwt. kegs. In 5-cwt. casks prices are about 5s, per

- Prices are from Sulphaguanidine. —

18s. 3d. to 18s. 9d, per lb., as to quantity.

Tartaric acid, B.P. — British makers' current scales are:—10 cwt, and over, 170s.; 5-9 cwt., 172s.; 2-4 cwt., 174s.; 1 cwt., 176s. per cwt., delivered.

ZINC OXIDE.—All grades have been increased by 35s, per ton from October 28, B.P. is now £91 15s, in minimum 2-ton lots; red seal is £80 15s.; green seal, £82 5s.; and white seal, £83 5s.

Crude Drugs

AGAR.—Steady. Good Kobé No. 1 is quoted at from 15s, 3d, to 15s, 6d, per lb, on the spot, with lower qualities down to 14s, 6d, per lb, No. 2, 12s, per lb, South African powder, 18s, 3d, per lb, spot.

Aloes.—Firm. Prime Cape is quoted at 115s, per cwt., spot; shipment, 108s., c.i.f. Curação is 230s. to 240s. per cwt., spot. Socotrine, 170s. spot, nominal.

Areca nuts.—Quiet, Spot quotations are about 55s. 6d. to 57s, 6d. per cwt.

Asafetida.—Quiet. Persian block on spot is offering at prices from £14 10s. to £24 per cwt., as to grade.

Balsams.—Canada on the spot is offered at from 17s. 6d. to 20s. per lb.; afloat, 15s. 6d., landed terms. Pará Copaiba, B.P. 1932, soluble, now 7s. 6d. per lb., spot. San Salvador Peru is now 6s. 6d. per lb., duty paid. Tolu on the spot is firm at 12s. per lb.; offers from origin are difficult to get.

BENZOIN. — Firmer. Quotations for Sumatra block on the spot are from £18 10s, to £19 10s, per cwt., and upwards; for shipment, £17 10s, to £18, c.i.f., as to quality and holder.

Buchu.—Short rounds, on the spot, are 3s, 5d, per lb.; shipment, 3s, 4d., c.i.f.

CINNAMON.—Quotations for 0000 on the spot are at 3s. per lb.; shipment. 2s. 8d., c.i.f. Quillings, quoted 1s. 2d., spot; shipment, 1s., c.i.f. Featherings are 1s. per lb., spot; shipment, 9d., c.i.f.

Cloves.—Zanzibar, quoted fractionally easier at from 1s, 5½d, per lb., spot; November-December, 1s, 3¾d, c.i.f., sellers. Madagascar in bond is offered at 1s, 5d.

Ergot.—Portuguese on the spot is quoted at from 22s. per lb.; shipment, 20s. 6d., c.i.f. Supplies continue short.

GINGER.—Prices are again higher. African is now 335s. per cwt., spot; Jamaican, No. 3, 350s., spot, nominal.

Gum acacia. — Kordofan cleaned sorts continue in short supply on the spot at 86s. per cwt.; shipment, 80s., c.i.f.; bleached gum, 125s., spot. Talha is 50s per cwt., on spot; shipment, 45s., c.i.f.

IPECACUANHA.—No supplies on the spot. Nicaraguan for prompt shipment from origin is auoted at 38s. per lb., c.i.f.; Colombian, 32s. 6d., c.i.f.

Jalap.—Vera Cruz is offered at from 4s. to 4s. 6d. per lb., spot, as to test. Brazilian (12.7 per cent, resin) is offered at 2s, per lb., spot.

Kamala,—Quoted at 2s. 3d, per lb., spot. Karaya.—Firmer. No. 1 gum on spot is quoted at 235s. to 255s.; No. 2. 190s. per cwt., spot; No. 3, 150s. to 160s., spot.

Kola nuts. — African quarters. 6d. per lb.; halves from  $2\frac{1}{2}$ d. to  $4\frac{1}{2}$ d. Jamaican washed halves, 3d. per lb.

Liquorice.—Anatolian natural root, fo shipment, quoted at 55s, per cwt., c.if. Syrian natural, quoted 40s., spot; cut, 55s per cwt. Turkish block is quoted dearer a from 160s. to 230s., duty paid, accordin to holder; Turkish stick is from 300s duty paid. Italian stick is from 300s. 475s. per cwt., duty paid, as to grad British block is quoted at 195s, per cwt.

Mace.—West Indian blade is availab at 6s. per lb. on the spot; prices of picl ings are from 2s. to 4s. 6d., as to quality.

Male fern.—Jugo-Slav, with a test of 3.2 per cent. filicin, is offered at 60s, pecwt. ex warehouse London; supplies toome forward, 50s., c.i.f.

Menthol.—Spot quotations for Brazilia are unchanged at from 87s. 6d. to 90 per lb., duty paid; the primary mark continues firm with prices from 92s. 6d. to 97s. 6d., c.i.f., as to shipper. Chine material is reported offering from Shanghiat 87s. 6d. to 90s. per lb., c.i.f.

MYRRH.—Aden sorts, spot, offered at £1 per cwt., siftings are at £6 10s. to £7.

Nutmegs. — West Indian 80's quote 2s. 9d., on spot; shipment, 2s.  $2\frac{1}{2}$ d. per ll c.i.f.; sound assorted, 2s. 1d., spot.

Nux vomica. — Cochin is offered fro 36s, to 37s, 6d. per cwt., spot: 32s, to 33; c.i.f. Madras for shipment, 27s, per cw c.i.f Cocanada, 35s, per cwt., spot.

OLIBANUM.—Fair drop is quoted at 150 peas at 190s., fair garblings, 125s., a siftings at 80s, per cwt.

Orange Peel. — Thin-cut Tripoli offered at 1s. 3d. per lb., duty paid; bitt quarters, 1s. 3d. per lb., duty paid, buyel

Orris.—Florentine root on the spot offered at 110s. to 120s, per cwt.; Veror for shipment, 60s., c.i.f.

Papain.—East African, on the spot, quoted at 14s. per lb; Ceylon brow quoted, 10s. per lb., spot.

PIMENTO.—Ouotations are from 1s. per lb.; to arrive, 119s. per cwt., c.i.f.

Ouillaia.—Natural bark is quoted 130s. per cwt., spot; cut, 160s., spot.

QUINCE SEED. — Cape on the spot steady at 3s. 6d. per lb.

RHATANY. — Quiet. Spot quotations & unchanged at 9d. per lb.

RHICHARB.—In good demand, particular for export. Business has been done 7s. 6d per lb., duty paid, for good-qual sound Chinese rough round, with 6s. (to 6s. 9d. paid for f.a.q. Recently arriv supplies, with a good fracture, are no quoted at 8s., duty paid; there are no feward offers.

Sarsaparilla,—Jamaica native red, the spot, is offered at 2s, to 2s, 2d, 1 lb.; forward, 1s, 10d., c.i.f. Jamaic grey, 3s, 6d., spot.

SCAMMONY ROOT.—Spot supplies (18 reent. resin) are offered at 70s. per cwt.

SEEDS .- ANISE .- Turkish only is offeron spot at 175s. per cwt., duty paid. RAWAY.—Dutch is unchanged at 115s. rewt., duty paid, spot London. CELERY.
Market dearer. Indian is now quoted
1s. 5d. per lb., spot London; French,
November delivery, 1s. 9d. per lb.,
ty paid. CORIANDER.—Market continues
n. Morocco, spot London, is 75s. per n. Moreco, spot London, is 10s. per tt, duty paid; and 70s. per cwt., in id. Argentine, whole seed, is 67s. 6d. cwt., duty paid in London; and splits; 6d. per cwt., duty paid, ex warehouse ill. Cumin.—Little business passing. order of the control Market dearer. Indian is 62s. 6d. per t. spot London. Morocco is 58s. per t., spot London. Morocco is 58s. per t., duty paid in London; and 57s. 6d. store Liverpool.

SENEGA.—A fair spot trade, with quotans unchanged at 11s. per lb.; at origin ppers are asking 11s.  $4\frac{1}{2}$ d. to 11s. 6d. b., c.i.f.

SHELLAC.—F.O.T.N., pure, is quoted at bs. per cwt.; F.O. Standard 1, 350s.; orange, 365s. to 405s., spot London.

SQUILL.—Italian new-crop is offering at und 57s. per cwt., spot; for shipment, . to 50s., c.i.f.

STRAMONIUM.—Indian on spot is offered 55s. per cwt.; Hungarian, 80s., spot. STYRAX.—Crude is offered at from 6s. 6d.

6s. 9d. per lb., spot, duty paid.

PRAGACANTH. — Steady. Selected white bon is quoted at £115 per cwt.; other ite grades on the spot are offered at m £65 to £100 per cwt.

CURMERIC.—Spot quotations for Madras about 115s.; affoat, about 110s. per

VALERIAN.—Belgian natural on spot is ally held at 185s. per cwt.

VANES.—Dar-es-Salaam Bee's is 370s. cwt., spot; shipment, 365s., c.i.f. Lindi 365s., spot; shipment, 360s., c.i.f. Benla on spot is 335s. per cwt., in bond; ment, 335s., c.i.f. Candelilla.—Spot plies continue short and prices remain 335s. per cwt.; December delivery, 430s., warehouse. Carnaura.—Prime yellow, s. per cwt., spot; shipment, 900s., c.i.f. ty grey is steady at 670s. per cwt., t; for shipment, 665s., c.i.f. Montan.—beck is quoted at 180s. per cwt. spot; ward, 155s., c.i.f. Ouricuri.—Steady. ward, 155s., c.i.f. OURICURI.—Steady. per cent. pure is offered at 675s. per spot; and 3.9 per cent. impurities is spot. Spermaceti.—Steady. Quoted 2s. 5d. per lb., spot.

#### Essential and Expressed Oils

Almond. — English-expressed sweet oil (B.P.) is offered at from 4s. 6d. to 5s. 6d. per lb.; Spanish is available at from 3s. 6d. to 4s. 6d. Bitter, on the spot, is from 30s. to 60s. per lb., as to grade.

ANISE.—Chinese star, on the spot, is firm at upwards from 8s. to 8s. 3d. per lb.;

forward, 7s.  $10\frac{1}{2}$ d. to 8s., c.i.f.

BAY.—West Indian on spot is quoted at from 6s. 6d. to 7s. 6d. per lb.

CADE.—Spanish oil, B.P., on the spot, is offered at from 3s. 6d. per lb.

Cajuput.—Quoted from 16s. to 18s. per lb. for spot stocks of B.P. grade.

Calamus.—Offers of English-distilled are at 150s. per lb.

CAMPHOR.—White oil on spot is quoted at from 2s. 3d. per lb., duty paid; brown oil, from 1s. 9d. per lb., spot, duty paid.

CARAWAY .- English-distilled is offered at from 37s. to 40s.; imported, 26s. to 28s. per lb., as to quantity.

Cassia.—Quotations are around 18s. to 18s. 6d. per lb., spot. Little available.

Castor.—Basic price of pharmaceutical quality is £104 per ton, naked, ex mill.

CINNAMON.—Steady. B.P. oil, 50s. to 60s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on spot, 8s. per lb.

CITRONELLA.—Ceylon is nominal on the spot; October-November shipment, 9s. 8d. to 10s. per lb., c.i.f. Java is quoted at 16s. per lb., spot.

Copaiba. — Spot offers are at from 14s. 6d. to 15s. per lb.

Coriander. — Steady. English-distilled is quoted at about 260s, to 280s per lb.

Cubebs.—Steady. Supplies of Englishdistilled offered at 55s. per lb.

Cumin.—Quotations for English-distilled are around 70s. per lb.

DILL.—English-distilled oil is quoted at from 65s. per lb. for B.P. quality.

Eucalyptus.—Spot quotations for 70-75 per cent. (B.P.) are from 4s. to 4s. 6d. per lb. for drums, as to seller.

Geranium.—Bourbon, for shipment, 75s. to 80s. per lb., c.i.f., nominal.

LAVENDER.—French, 38-40 per cent., on spot is offered at from 21s, per lb. upwards; 40-42 per cent., 23s. Spanish spike is quoted at 9s. per lb.

Otto of rose.—Bulgarian is offered at 270s, per oz., and Anatolian at 220s, per oz., both spot London. Other grades are available from about 170s, per oz.

TEASEED. — Firm. Refined oil on the spot is offered at 21s, 3d. ner gall.; December delivery. 21s. 3d. China has suspended exports of crude oil.

Terebinth.—Quotations for B.P. oil are from 1s.  $6\frac{1}{2}$ d. to 1s.  $10\frac{1}{2}$ d. in winchesters,

and 1s. 5d. per lb. in carboys.

#### COMING EVENTS

#### Monday, November 7

ISLE OF THANET BRANCH, PHARMACEUTICAL SO-CIETY, Saracen's Head Hotel, High Street, Margate, at 8 p.m. Film, "Medical Applications of the Sulphonamides." Apprentices invited.

SOUTHGATE AND WOOD GREEN DIVISION, NORTH LONDON BRANCH, PHARMACEUTICAL SOCIETY, Windsor Café, 389 Green Lanes, Palmers Green, at 7.30 p.m. Mr. G. H. Armitage on "Problems Facing the Pharmacist Today."

#### Tuesday, November 8

Birmingham Branch, Pharmaceutical Society, The Grand Hotel, Birmingham, at 8 p.m. Miss M. A. Burr, M.P.S., on "Pharmaceutical Affairs."

HOUNSLOW BRANCH, PHARMACEUTICAL SOCIETY, Sun Hotel, Hanworth Road, Hounslow, at 8 p.m. Mr. R. C. Davey (Kodak, Ltd.), on "Colour Photography" (illustrated).

BIRKENHEAD PHARMACISTS' ASSOCIATION, Knockaloe, Brindle Road, Allport Lane, Bromborough, at 8 p.m. Miss Holmes (superintendent, Pricing Bureau, Liverpool) on "The Pricing Bureau."

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Lecture hall, Manor Park Library, Romford Road, London, E.12, at 8 p.m. Miss M. C. Islip on "Some Indications of Doses for Infants and Children."

LONDON AND SOUTH-EASTERN COUNTIES SECTION, ROYAL INSTITUTE OF CHEMISTRY, Norwood Technical College, London, S.E.27. Dr. N. Booth on "Careers for Chemists."

Preston Branch, National Pharmaceutical Union, Bull and Royal Hotel, Preston, at 7.30 p.m. Mr. H. Steinman on "How N.P.U. Activities Matter to You."

#### Wednesday, November 9

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, King's Head, Romford, at 8 p.m. Dance. Tickets 3s. 6d. each.

Dundee Branch, Pharmaceutical Society, Mathers Hotel, Whitehall Place, Dundee, at 7.30 p.m. Mr. H. Burlinson, Ph.C. (Thomas Kerfoot & Co., Ltd.), on "Tablet Making."

Brighton Branch, Pharmaceutical Society, Regent Cinema restaurant, Clock Tower, Brighton, at 7.30 p.m. Supper and social evening.

TYNE, WEAR AND TEES BRANCH, GUILD OF PUBLIC PHARMACISTS, New lecture theatre, Royal Victoria Infirmary, Newcastle-on-Tyne, at 7.15 p.m. Mr. C. Beavan, Ph.C., on "Modern Conceptions of Drug Action" (illustrated).

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 1.30 p.m. Visit to Vitamins, Ltd., Hammersmith, London, W.6.

BUSINESS EFFICIENCY EXHIBITION, Empire Hall, Olympia, London, W.14, at 11 a.m. Opening ceremony, Exhibition remains open (10 a.m. to 8 p.m.) until November 19.

#### Thursday, November 10

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. T. C. Denston, B Pharm., Ph.C., on "The British Pharmaceutical Codex, 1949."

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Victoria Hotel, Nottingham, at 6 p.m. Dinner and dance. Tickets 21s.

Bristol Branch, Pharmaceutical Society, Be room, Guldhall, Small Street, Bristol, 7.15 p.m. Address by Mr. E. B. Parkes, M (director, South-west Forensic Science Labi tory).

BIRKENHEAD PHARMACISTS' ASSOCIATION, Hu Hall, Port Sunlight, at 8 p.m. Carnival da

Tickets, 10s. 6d.

AYLESBURY BRANCH, NATIONAL PHARMACEUT UNION, Bull's Head Hotel, Aylesbury, at p.m. Annual meeting. Mr. H. Steinman "Matters at the Moment."

#### Friday, November 11

Leeds Branch, Pharmaceutical Society, H Metropole, Leeds, at 7.30 p.m. Mr. L. R mond on "The National Health Ser (General Practitioner Service)."

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOC OF GREAT BRITAIN, 36 York Place, Ecinbu at 7.30 p.m. Professor E. L. Hirst on "Chemistry of Starch and Glycogen" (Inaug sessional address).

FINE CHEMICALS GROUP, SOCIETY OF CHEM INDUSTRY, Chemistry lecture theatre, King's lege, Strand, London, W.C.2, at 7 p.m. D. W. Adamson, M.Sc., on "The Chem of Antihistamine and Related Drugs."

#### TRADE MARKS

(From the "Trade Marks Journal,"
October 12)

For industrial chemicals (1).—"Do in distinctive lettering; by the Dow Che cal Co., Midland, U.S.A.; 655,6 "CEMENTONE" in circle device inclut trowel and paint brush; by Joseph F man, Sons & Co., Ltd., London, S.W. 676.534.

For photographic chemicals (1).—"I CONTRAST" in distinctive lettering;

Kodak, Ltd., London, W.C.2; B673. For emulsifying agents (1).—"Vi MOL"; by C. M. Keyworth & Co., I Leek; 674,127.

For non-medicated toilet preparat (3).—"LEMET" in distinctive lettering N. B. Boometal, Hilversum, Holla 671,639. "GLISS"; by Melio Produ

Ltd., Bridgend; B677,689.

For hair preparations (3).—"BAND COMB-A-CURL" in distinctive lettering Ashe Laboratories, Ltd., London, S.V B677,149.

For essential oils (3).—"WINRAY"; Winston Grays & Co., Ltd., Lone E.C.2; 678,724.

For soaps and detergents (3).—"PLIST by Coggan & Pearson, Ltd., Lone E.C.1; 678,729.

For all goods (5).—Device of hand hing test tube; by Bradley & Bliss, I Reading; 678,435.

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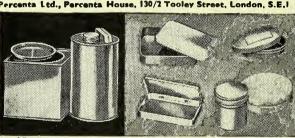
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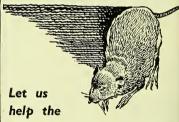
Percenta Ltd., Percenta House, 130/2 Tooley Street, London, S.E.I







Vacfill Works, Andover Place, London, N.W.6



Government driv against RATS

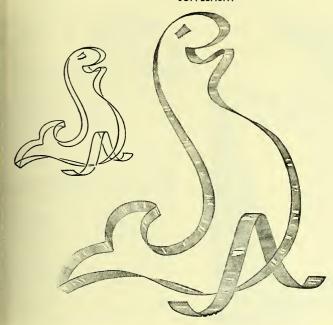
Make a special feature of displays of

# RODIN

The Rapid Rat Removes

It always pays to sell Rodine P.A.T.A.

T. HARLEY LTD., PERTH, SCOTLA



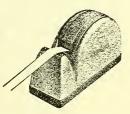
# Sellotape Seals . . .

the counter" packages. It's self-adhesive, quicker, neater and a little goes such a very long way. Protect bottle labels with Sellotape too, no more tears, smears, dirt or damage—your label's just as it should be—clean and legible! And why keep the Sellotape secret to yourself, it has endless uses in the home. It will pay you to stock Sellotape in the handy dispensers available for resale to the public. Backed by first-class display material, and national advertising they'll be in and out of your shop before you can say Sellotape.

Write or phone for full details now!

# SELLOTAPE

SELF-ADHESIVE CELLULOSE TAPE





The range that keeps the cash register ringing! Big sales, all-theyear-round demand, and good profits are three of many reasons why it pays to stock and sell SPRATT'S DOG MEDICINES.

Put the new, distinctive red and white cartons where your customers can see them!

The formula is on every medicine package.

#### DISPLAY & SELL MORE SPRATT'S

-famous for over 80 years!

Trade terms, etc., can be obtained from:

SPRATT'S PATENT LTD.

41/47, BOW ROAD, LONDON, E.3



to maintain your contacts in

#### NORTHERN IRELAND

by inserting your announcements in the advertisement columns of

The newspaper with the largest circulation and the established goodwill of the people throughout the whole of this important industrial and agricultural part of the UNITED KINGDOM

HEAD OFFICE ROYAL AVENUE, BELFAST

LONDON OFFI 112 PLEET STREET, E.

Whilst sifting and mixing powders perfectly, the Sprayer attachment allows the uniform addition of moisture or liquid flavour and perfume

PATENT 'RAPID' SIFTER & MIXER WITH SPRAYER ATTACHMENT



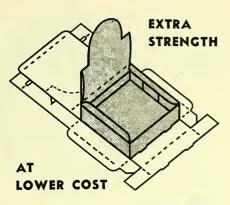
WM. GARDNER & SONS (GLOS.) LT BRISTOL ROAD GLOUCESTI Phone: Gloucester 21281 Grame: "Gardner, Glouceste LONDON: 19 Gray's Inn Chambers, 20 High Holbo London, W.C.1 Telephone: CHAncery 7347



Due to the difficulty in obtaining supplies of white coats, white jackets, etc., it is not possible to accept orders for such goods for the time being. Stocks of blue boiler suits and bib and brace overalls are fairly plentiful and we are in a position to accept orders

for same from stock.

Farainer & CO. (The Scotch House) Ltd., 3 and 5 COMMERCIAL ROAD, LONDON, E.I Pposite Aldgate East Station. Fibone: B18 5701 (3 lines) Branches: Deptford, S.E.8; Woolwigh, S.E.18; Clapham, S.W.11.



168,000,000 "Boxfoldia Patent Style" cartons have been supplied since 1931. We invite your enquiries.

BOXFOLDIA LTD.
CARTON MANUFACTURERS
BOURNBROOK, BIRMINGHAM

# Rod-Antu RATS and MICE

and can be recommended with every confidence

Ready for use - no mixing necessary

2 grains are sufficient to kill a fully grown rat

1/6 and 5/- per tin, subject to 33\frac{1}{3}\% discount less and extra 10\% on orders of 3 doz. small size or 1 doz. large size

Display material and technical literature available

ODMILL CHEMICAL CO. LTD.

49 St. Anne Street, Liverpool 3





Baby GOODS THE GOODS

Here's a new and novel line that every mother will want—

# Ghampion's KUMFI-KUT BABY'S NAIL SCISSORS

National advertising, shortly to commence, will bring an instantaneous demand. Be ready to meet it, and in pleasing your customers, profit yourself.

OBTAINABLE DIRECT FROM MANUFACTURERS

Retail selling price 6/10d. per pair

This attractive Show Stand is supplied free with every half-dozen pairs.

CHAMPION'S

# KUMFI-KUT Baby's nail scissors

Made by :--

hampion (Scissors) Ltd., 35, Kumfi-Kut Works, Hoyle Street, Sheffield, 3. London Office:—
Finsbury Court,
Finsbury Pavement,
London, E.C.2.



- "Arliss" Pneumatic Cushions and Air Beds, light in weight and easily inflated.
- Hospital Bed Sheeting, Jaconettes and Batistes.
- Oilsilks for all surgical purposes, etc.
- Hand made Hot Water Bortles of excellent quality.

Write for full lists

# **1000 LIMITED**

ANNIESLAND, GLASGOW, W-3

ONCE MORE
WE CAN OFFER

# SPHAGNO SHAVING STICK

**7/9** doz.

Tax 2/7

Retail Price 1/3 Inc. Tax

Supplied at 13 to dozen on orders of 2 dozen or more

AVAILABLE FROM ALL WHOLESAL OR DIRECT FROM:—

Sole Manufacturers

PEAT PRODUCTS (SPHAGNOL)
3. CARMALT GARDENS, LONDON, S.Y

# OLOGICAL



# **PREPARATIONS**

E QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY NTICAL WITH THAT OF PRE-WAR PREPARATION

ause of our heavy purchases immediately before war broke out. Our stocks still considerable and the high MBL standard will be fully maintained.

ERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

ı							1	Retail	CHEMISTS' PRICE						
							Prices	Per unit			Per dozen				
TIPEOL					(inclusive	Net +	P	urchase	Net +	P	urchase				
T	MEN	Т	4 oz.		•••	•••	•••	7/5	4/21/2	+	1/5	50/5	+	16/10	
П			40 gr			•••	•••	3/8½ 2/1	$\frac{2}{1}$	++	8½ 5	25/3 14/-	++	8/5 4/8	
J	D			. bottle				201	$\frac{1}{2}/\frac{1}{2}$	$\dot{+}$	8 <sup>1</sup> / <sub>2</sub>	25/3	÷	8/5	
L	ТЫЛ	I MC	) AN	TIPEO											
П				I II LO	_			3/8½	2 (11	,	0.1	25/2	,	0.45	
ľ		zzled "	Tube	•••		•••	•••	1/9	$\frac{2}{1}$	++	8½ 4	25/3 11/11	++	8/5 4/ <del>-</del>	
ı									,					•	
ľ	NO-ANTIPEOL														
			Tube	•••	•••	•••		3/1	1/9	+	7	21/-	+		
ľ		,, EAC		•••	•••	•••	•••	1/9	1/-	+	4	11/11	+	4/-	
		FAG						10/	12/21		<b>.</b>	159/7		None	
ı	10		oules ,	•••		•••		19/-   4/3	13/3½ 3/-		None None	159/7 35/8		None	
ŀ	5			•••		<i>:</i>		214	1/9		None	21/-		None	
ŀ	ENS'	YL													
0	f 500	tab	lets					43/-	24/-	+	8/-	288/-	+	96/-	
3	of 5	0 "		•••				4/11	2/8½	+	11	32/4		10/10	
	1 A S 41														
			BALM								_,				
			$2\frac{1}{2}$ oz $1$ oz.			•••	•••	1 117	1/11	+	7½ 4	22/6	++	7/6 3/9	
		,,	. 02.		•••	•••	•••	1 '''		1	· · · ·	'./'			

Carriage paid on all orders of 1 dozen or £1 and over. Terms: NETT, Monthly Account.

POICO-BIOLOGICAL

**LABORATORIES** 

LTD.,

LONDON,

S.E.25

# She'll be greeting him with Gillette this Christmas!



Here is one of the "Greet him with Gillette" advertisements that will be appearing in newspapers and periodicals throughout the country from mid-November until Christmas — five vital weeks during which the name "Gillette" will be added to countless Christmas shopping lists.

Large spaces in the daily and Sunday papers, a campaign concentrated in women's magazines and whole pages in full colour in weeklies such as "Picture Post" and "Illustrated" will impress upon Christmas shoppers everywhere that Gillette one-piece razors and Dispensers make ideal gifts. A prominent display in your window and on your counter will enable you to profit from this striking campaign.

Trade enquiries to your usual wholesaler.

GILLETTE INDUSTRIES LTD., GREAT WEST ROAD, ISLEWORTH, MIDDLESEX



NYLON 5/11 RETAIL

Manufacturers:

IDERSON BROS, & CO. LIMITED,

WELL ROAD, LEYTON. LONDON, E.10.

I.: LEYtonstone 5202/3

It has been described as "A REAL WINNER!"
The flexible single NYLON strands are noncorrosive and are most refreshing and
invigorating to the scalp.

The HYGEX "333" is selling fast.

Supplied in rosewood, satinwood, pink, pastel blue and green finishes in the distinctive Hygex display carton.

Price 39/- per doz. plus P.T.

Order NOW through your usual wholesaler.

Hygex

A GOOD BRUSH PEOPLE Can well afford



Stergene advertising has always been restrained and reasonable—an has been none the worse for that. Exaggerated claims are never mad for Stergene because they are not necessary. Housewives learn to true Stergene, and it is that confidence which makes Stergene a regular iter on so many shopping lists. Truly Stergene makes business of cleansing



A PRODUCT OF DOMESTOS LIMITED NEWCASTLE-UPON-TYN

OR EVERY MONTH OF THE YEAR

# "ZEMS" HERBAL LICORICE TABLETS



THE BEST MEDICATED TABLETS FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained



from C.F Wholesale Houses

ZEMS LTD

718-724 Seven Sisters Road, London, N.15

When advice on

Contraception

is necessary or desirable

# It is always wise to prescrib \*RENDELLS PRODUCT

Based on clinical and biological experience and conforming to the same standard efficacy as required by the Family Planni Association, Rendells Products can always be recommended with full confidence.

The complete range of chemical conticeptives now available gives a wide sco in selecting the best method suited individual requirements.

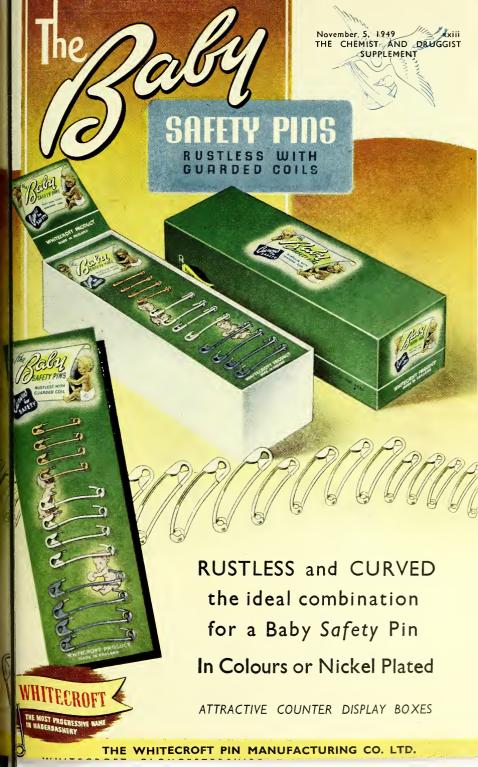
RENDELLS PESSARIES RENDELL GELS RENDELL - CREAM RENDELL - FOAM

'Our latest chemists' advertising material is available upon requ

#### W. J. RENDELL LIMITED

Manufacturing Chemists

161/165 ROSEBERY AVENUE, LONDON, E.C.



For over 60 years Gibbs Superfatted Cold Cream Soap has been valued for its **skin beauty** care...

Now with the addition of LIRIL to this beauty soap COLD CREAM SOAP

CISTAL

CORRESCREAM SOAP

CONTAINING LIRIL

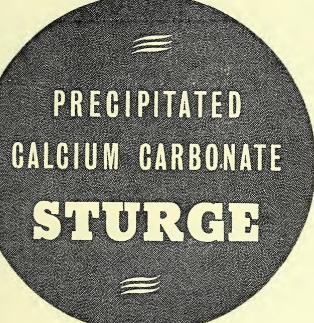
Ostral GIBBS CREAM SOAP opens a new chapter in the care of SKIN SUPPLENESS

- Only Astral contains Liril\*
- Backed by striking national advertising
- Attractive profit margins
- Elegantly wrapped
- Supplies ready to meet your demand

Liril is the proprietary name of a newly-perfected brand of ingredient blending 3 elements of special value to the skin.

Tell your Gibbs Cold Cream Soap customers about this new development in their favourite toilet soa





A FINE CHEMICAL FOR INDUSTRIAL USE



JOHN & E. STURGE LTD BIRMINGHAM 15, ENGLAND



The Quintessence of Quality in Real Fruit Drinks.

Made from ripe, sun-kissed fruit and pure cane sugar.

Jaffajuce Orange, Jaffajuce Orange and Pineapple,

Breakfast Jaffajuce (for a "Short" drink), Jaffajuce Lemon,

Jaffa uce Grapefruit, Gold Cup Lime Juice.

JAFFAJUCE LTD., LONDON W.I & GLASGOW ORDER THROUGH YOUR USUAL WHOLESALE CHEMISTS



for your own PRODUCTS!

The best way to publicise your
Proprietary Brands is to give them
"eye appeal" with packs of attractive
design, soundly manufactured. Let us send
you samples to suit your individual needs.

J.DRING LTD. THE AIRPORT PORTSMOUTH.

Tel. 744



creasing the already reat demand for

Il e thousands who regard KORAY as their "First hil in case of pain are making this plastic container the constant companion. It holds 5 tablets and fit ato a waistcoat pocket or the smallest handbag.



TABLETS FOR HEADACHE INFLUENZA RHEUMATISM MALARIA E NEURALGIA: ALL NERVE PAINS

CANNOT HARM THE HEAR

There is a container in every one of the neat, "Cellophane"-wrapped packs of KORAY 28's and 64's. These larger sized packs of KORAY tablets give you a good profit margin and are excellent counter-lines. They are backed by powerful national advertising and create that goodwill which is only associated with a tried and proved product of quality.

The 10 tablet pack, recently re-designed, will act as an introduction to those who are not yet fully aware of the thoroughly dependable analgesic qualities of KORAY.

Send your order now to:

KORAY LTD., GOLDEN MILE WORKS, BRIDGEND, GLAM.

### ASPIRIN is an acidic substance, sparingly soluble

#### DISPRIN is neutral, stable, soluble - and palatal

The reasons for preferring calcium aspirin to aspirin lie chiefly in the fithat it is a neutral, soluble and bland compound, whereas aspirin is accessparingly soluble and may act as a gastric irritant. But calcium aspirin has



defect of its own—chemical instability; and consequence attempts to manufacture it in form of a stable tablet have hitherto met w little success. These difficulties have now be overcome. 'Disprin,' a stable tablet preparati readily dissolves to yield a substantially new and palatable solution of calcium aspirin that the prescribed in all conditions in which acet salicylate administration is indicated.

On prescription Disprin is free of Purchase Tax Clinical sample and literature supplied on application

RECKITT & COLMAN LTD., HULL AND LONDON. (PHARMACEUTICAL DEPT., HU

Aberdeen Generosity
Assurance without Premium

### ISCO BRAND MEDICINAL COD LIVER OIL

Assures you of a Vitamin potency substantially higher than B.P. standard without a premium price.

#### PROFIT BY PACKING YOUR OWN

Backed by a reputation and experience covering half a century

Samples and prices on request

ISAAC SPENCER & CO. (Aberdeen) LTD.
ALBERT QUAY, ABERDEEN

Aberdeen 20202 (4 lines)

Extractor Aberdeen

#### PHERIBA TONIC TABLE

now packed in



2/- sizes 4/3

---

MACLENNAN BRAND PRODUCTS
105 RITHERDON ROAD - LONDON Phone BALham 2447



WIDOW WELCH'S P

3/3½ size. Bonus given on dozen (13). It pays to push th C. & G. KEARSLEY 71 Dartmouth Rd., London Est. 1787

# ISPLAYS bring ALL your ASPROPUBLICIN!

It is only by continuous display that you will discover just how large 'ASPRO' demand is to-day. For the 'ASPRO' public grows ever greater. 'ASPRO' is proof against any "ups and downs" in the market—changes in purchasing power, fashions or habits. The success of 'ASPRO' is reaching unique proportions simply because it is a good product which more than fulfils its claims, and which is well, widely and persistently advertised.

#### 'ASPRO' BAGS—PRICES REDUCED

We are passing on to you the full benefit of the lower production costs of paper bags:—

GREASEPROOF (formerly 9/- per 1,000)

NOW 6/- per 1,000

2-OZ. WHITE (formerly 6/6 per 1,000)

NOW 5/- per 1,000

We suggest you take advantage of this opportunity by ordering now.

#### AN ELECTRIC CLOCK AT COST PRICE—£3

We are now able to supply you with a precision-made Smith's "Sectric" clock (as illustrated) for use in your shop or window—size  $13\frac{1}{2}$ " x  $10\frac{1}{2}$ ". It is a quality job, elegant and modern in appearance and an excellent time-

keeper. We have had a host of approving comments from the 500 chemists who have already installed these clocks. We urge you to take advantage of the opportunity while supplies are available at this exceptionally low price.

NOTE:—THESE CLOCKS ARE NOT SUITABLE FOR USE ON D.C. MAINS, BUT IN SUCH CASES WE CAN SUPPLY AN 8-DAY SMITH'S LEVER-MOVEMENT CLOCK AT £3.15.0.

RY YEAR 'ASPRO' DISPLAYS
MAKE BIGGER SALES

Made in England by ASPRO LIMITED, TRADING ESTATE, Slough, Bucks







# ★ Meaty flavour with WATFORD'S MONO SODIUM Glutamat

- \* prompt supplies from our plant
- \* various grades available
- ★ increases palatability
- \* improves taste of most medicines
- ★ ideal base for tonics
- \* the popular flavour for vitamin preparation
- \* dissolves quickly

### WATFORD CHEMICAL CO. LT

30 BAKER STREET, LONDON, W.I.

Phone: WEL 0264/8

# COLCHICINE

B.P., U.S.P.=

For use in Treatment of

GOUT, ASTHMA, CEREBRAL CONGESTION and URAEMIA

#### d-Tubocurarine Chloride

The Pure Crystalline Alkaloid for securing Muscular Relaxation In Surgical Operations and Shock Therapy.

Manufactured by:

PAL CHEMICALS LTD.
PALORIT HOUSE, II HARROW RD., LONDON, W.2
PADdington 8261

Autumn Sellers

LOVELUCK'S

#### LANOLINE BALM

Retail 1/6. Display Outers 35/- in Tax.

LEC

#### ANTISEPTIC GARGI

Retail 2/3 I.P.T.

4 oz. Bottles

LEC

#### **BROMPTON LOZENG**

Retail I/6 I.P.T.
Attractive 3-colour Cartons
Show Material Available with all li

Professionally Elegant

Commercially attrac

FULL TRADE DISCOUNTS AND BOTTERMS ON APPLICATION

LOVELUCK EDWARDS & CC 432/438/440 GARRATT LANE - S.V



Research, Standardisation, Activity, Purity—these important factors have built up the high reputation of "Oxoid" Medical Preparations.



or telegram are dealt with immediately and goods reach you in the shortest possible time.

Among the many "Oxoid" Medical Preparations are: Liver Extract, Hormones, Vitamins, etc.

#### OXO LIMITED

Medical Dept.

AMES HOUSE, QUEEN STREET PLACE, LONDON, E.C.4

Telephone: CENtral 9781



# Page-Barkeris

Scurf & Dandruff Lotion Back
Trade 20/- doz. Money Plus Tax 3 Retail 3/4 Guarantee on every bottle!

Ask for Showcard Sole Distributors to the Chemists' Trade-

CHRISTY THOS. & CO. LTD. FARNHAM. SURREY

Sole Manufacturers and Proprietors:— THE ILEX SUPPLY CO., LTD., 252b, GRAY'S INN ROAD, LONDON, W.







Dentists advise it



Millions use it



Children love it



Boost your business with KOLYNOS'

You know that national advertising helps you to sell. And 'Kolynos' Dental Cream is backed by advertisements in

every leading newspaper and periodical. Display 'Kolynos' in your window—display it on your counter and tie-up with the ever increasing demand.

\*Kolynos' can be included with other L.C.C. lines to qualify for Co-operation Discussify for 128% on orders of £10 and over; 10% on orders of £5 and over.

ERNATIONAL CHEMICAL CO. LTD., CHENIES STREET, LONDON, W.C.I



# \* The recommended daily dose provides: vitamin A 2,000 i.u., vitamin D 300 i.u., vitamin B<sub>1</sub> 0.6 mg., vitamin C 20 mg., vitamin E 1 mg., nicotinamide 25 mg., calc. phospb. 480 mg., ferr. sulph. exsic. 204 mg., iodine, manganese, copper, not less than 10 p.p.m. each.

PREGNAVITE

a single\* supplement for safer pregnancy

CLINICAL USES. To improve the nutritional state where circumstances prevent consumption of all the protective foods required: to prevent hypochromic anaemia. Indications in the history of previous pregnancies: toxaemia, previous premature births, inability to breast feed, and dental caries.

Bottles of 120 tablets (20 days' supply) 6/-.
Per dozen bottles 49/-.

(F)

Make sure your stocks of PREGNAVITE are sufficient to meet the demand.

VITAMINS LIMITED, UPPER MALL, W.6



Comtesse Laboratories Ltd CHATHAM PLACE, LONDON, E.9

TELEPHONE

AMHERST 5640

Recommend to your customers

Ralgex

ANALGESIC - RESOLVENT COUNTER-IRRITANT SO

anı

SOLID EMBROCATIO

RHEUMATIC and MUSCULAR P NEURALGIA and HEADACHES BRONCHITIS, CATARRH and LARYNO

Handy, clean, practical and efficacious, scribed by doctors and regularly advertise medical and nursing journals.

Packed in artistic counter-display outers taining I doz. — a great aid to individual s

Write for trade terms, samples & literature.

PHARMAX LIMITED

The Organ Works, Old Hill, Chislehurst, 1



FILM on eth invites decay

you know why teeth decay? Most often because dingy film on them, gives shelter to

anyour tongue over your teeth.
a sticky film there? That film
as from food deposits and saliva. it, germs produce acids that ck the enamel of your teeth. ilm is continually being deposited your teeth. You can remove it with psodent. No toothpaste except psodent has Irium, specially made

NEW PEPSODENT is extra-foamy, extra-quick. You'll find your teeth whiter, white Pepsodent's lovely minty taste brings clean freshness to your mouth and breath.

Film-soiled teeth spell
DANGER. Film harbours
nearly all the germs that breed
decay. Only Pepsodent
contains frium, which frees
teeth from film teeth from film

to emulsify and wash away stubborn ever-forming film.

Brush teeth with Peps every meal. (Film nev your dentist twice a teeth white and fil the risk of decay

. the

in Peps fights film When they read about Pepsodent -they look for it...

509,800,000 copies of newspapers and magazines carry this compelling advertising each year

invites decay

Men you display Posodent - they and buy!

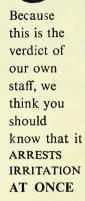
> The toothpaste market is growing. Eye-catching counter-displays encourage customers to buy - and buy again!

display Pepsodent is to sell it

Pepsodent Ltd., 59/61 Park Royal Road, N.W.10

## CHILBLAI

CHILBLAINS RESPOND MORE CHE





IN ATTRAC DISPLA OUTER

10/6 per c (plus P/1 1/7 eac retail

> PRICES 1 APPLICA TO EIF

HARKER STAGG & MORGAN LTD

EMMOTT STREET, LONDON, E.1. Phone: STEPNEY GREEN 2022 DUBLIN ADDRESS: 1 MOUNT BROWN. Phone: 51096/7

To help you sell still mo ARIEL CURLEF

We have designed an attractive new presen for counter display. Backing you up at of sale is a full-scale publicity campaign which in announcements in such widely read magazil "Illustrated," "Home Chat," "Home Chat," "Wor

"Woman's Weekly."

Make sure you are stocked to meet an increased demand for this popular brand.

Very easy to fit.
Lies so flat to the head that the wearer can sleep

in comfort.

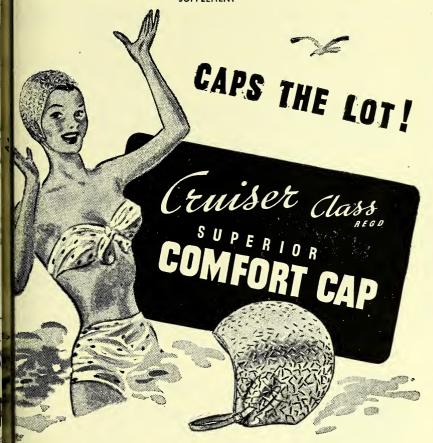
No parts to break away.
Makes a perfect curl.

More customers than ever will be asking for

CURLERI

ARIEL BRAND HAIR CURLERS

Wholesale only. S. & D. RIVET CO. LTD., Temple Road, Leicester



popularity of the "Cruiser Class" Superior ort Cap is due to its silky, long-stretch natural r material and the fact that it can be worn or without straps.

wable in 2 sizes in Snow White, Red, Royal, 1, Pink, Pastel Blue and Pastel Green.

#### HOLESALE DISTRIBUTION ONLY

no million bathing caps have been manuated and sold by us all over the world.

Wele and literature on application to :-

## ONG & HAMBLY Ltd

oulded Rubber Manufacturers.

NATIONAL PRESS
advertising campaign
is being run
in the leading
Women's magazines



Showcard, attractive folder and colour chart available.



IRE WORKS • HIGH WYCOMBE • BUCKS

### MERCOLIZED WAX

for the complexion

### CLYNOL BERRIES

for obesity

SUPPLIES NOW AVAILABLE IN ANY OUANTITY

Please send your enquiries to our Distributors :-

POTTER & LTD. MOORE

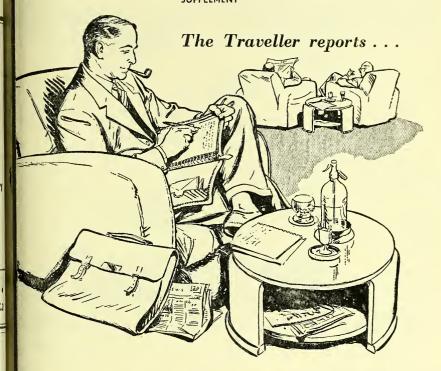
> Lavender House, Seymour Road, Leyton, E.10

#### DEARBORN (1923) LTD.

"KERN HOUSE," 36/38, KINGSWAY, LONDON, W.C.2

These names sales! Once this de Rose Hip Syrup w plain Scott & Tus now it is called 'De a name that come smoothly off the tongu the product itself! Make further product itself! Itself product itself! Make further product itself. Itself product itself product itself product itself product itself. Itself product itsel that Delrosa is *only* supplied by chemists. The label on the bottle will tell your customers that *here* is 'Delrosa,' that Rose Hip Syrup which has built such a high reputation itself and its producers . . .

SCOTT & TURNER'S Delrosa HIP SYRUP ROSE



## an't we do something like this"

"... response on the whole is little better than on my last visit. Our stuff is not moving too well and dealers want to reduce stocks before buying any more. The new showcards were well received, but several retailers asked why we do not advertise locally. A campaign in the local newspapers has caused a marked rise in sales of a rival product, in spite of the general reduced spending power. Herewith a cutting of our rival's advertisement — can't we do something like this?"

The Traveller is Right. The local newspapers will move your products more quickly over the counter.

Advertisers and Advertising Agents are invited to write to our Information Officer, who will gladly give all possible information and assistance.

ere there's a Shop there's a Local Newspaper

E NEWSPAPER SOCIETY · SALISBURY SQUARE HOUSE · E.C.4

HONE: CENTRAL 4722 TELEGRAMS: NUPASOCIE PHONE LONDON



## FINDING SUMMER ELSEWHERI when the 'Cold Season' approache:

At this time of year when birds make an easy escape to warmer climer your work-a-day customers cannot likewise take wing at a moment's notic to avoid winter colds. For many years now Serocalcin has been recognise as the most successful treatment for clearing this common complaint. The new Serocalcin showcard prominently displayed on your counter with constantly remind customers of the need to purchase. Write to us to-datify you have not yet received this valuable Sales Aid.

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## ORRIDGE & CO. (Established)

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'anted—Belfast or Northern Ireland. Quali-Irish Chemist requires substantial business in st or Northern Ireland. £6,000 cash immey available. Particulars in confidence mar-S.V.B. Private.

uth Africa. With the devaluation of the £ he rise in the price of gold, business, accordour South African agents, is extremely shing in the Union and is likely to be so ome time. We have a selection of busis on offer with prices ranging between 10 and £34,000. Particulars may be had application, together with advice on emion.

extfordshire. Important town. High-class ess with valuable agencies. Turnover last under management £14,000. Held on lease asonable rental. Genuine reason for cispo-Offers invited. Banker's reference with rations for details, please.

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- 6. Yorkshire. Drug store offering scope for pharmacist. Turnover present rate only about £15 per week. Modern living accoming dation available for purchaser. Panel bath. Basement let off to chiropodist at £1 per week. Purchase price required for valuable freehold, goodwill, fixtures and fittings, £2,250, plus small stock at valuation.

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36 words (min.) then 4d. per word. Box 2/-

itore, S.E. London, Old-established, main th good living accommodation, Kodak and ency. Excellent toilet allocations, Yardley, years' lease at moderate rental, or free-uld be purchased. Scope for N.H.S. Price, k sale, all at £1,250. Box C 1039.

DNDON. Old-established chemists' business. rs' sale. Well-fitted shop with dispensary ement, good main road position opposite Long lease at low rent, £120 p.a. Price for lease, goodwill, fittings, etc. Ready to to. Manners. Hearne & Manners, 5 Fins., E.C.2. Mon. 0794

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BUYER, keen to purchase chemist and or general stores and chemist, village, sountry or coastal area: any district or A speedy and confidential sale arranged. nmaterial if suitable. Details to Spicers Vears). Specialist Business Agents, 46 Rd., Southampton. Tel, 2759, C 1008

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18/- per half-inch (min.) and pro rata. Box 2/-

### BOURNEMOUTH AND EAST DORSET HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the post of ASSISTANT PHARMACIST. Salary £425 x £25 to £525; a reduction of £25 will be made for each year before the age of 23 years. Applications, stating full details of qualifications, age and experience, and accompanied by copies of three testimonials, should be addressed to the Administrator of the Royal Victoria & West Hants Hospital, Shelley Rd., Bournemouth.

C 5019

#### CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

ASSISTANT TO PHARMACIST required immediately (Hall certificate). Hospital experience preferred. Salary in accordance with J.N.C. scale. Applications, stating age, experience, etc.. together with copies of two recent testimonials, to the Secretary, Forest (No. 11) Group Hospital Management Committee, Langthorne Rd., Leytonstone, E.11. C 9

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The Bridge Walsall, nr. Birmingham Phone: Walsall 5748

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#### BUSINESSES FOR DISPOSAL

A.1. Kent (Seaside Town).—Old-established family etc. business with available flat. Turnover for 1948/49 £5,100; valuable lease; total purchase price approximately £5,250, including stock and fixtures estimated at £2,250.
A.2. Birmingham.—Working-class pharmacy; cash turnover averages nearly £100 per week. N.H.S. scripts average approx. 1,000 per month. Good photographic trade. Limited living accommodation available. Rent £100 p.a. Price £1,200 plus s.a.v. approx. £800. Further particulars from our Midland office.

BUSINESSES FOR DISPOSAL
A.5. Willesden Green (near).—Attractive p macy occupying main road position; average to over approaches £7,000 per annum; good sc total purchase price approx. £4,000, includent stock and fixtures estimated at over £1,900.
A.6. Hants.—Freehold property which for years up to 1940 has been utilised as a pharn Premises include living accommodation. as a pharn proached for freehold (with vacant posses £2,250; reasonably near offers considered.
A.7. Finchley Area.—Family suburban busi

s.a.v. approx. £300, Further particulars from our Midland office.

A.3. Sussex Coast.—Family and dispensing business in good-class seaside resort. Turnover (under management) for last financial year £3,323. Lockup shop. Price £1,350 for gomodwill, fixtures, fittings, etc., plus s.a.v. (stock estimated at £800).

A.4. London, E.C.—Old-established City business; turnover for last financial year, £4,000 approx.; main roac position; good scope; price £2,500, including stock and fixtures (estimated at £1,700).

A.7. Finchley Area.—Family suburban busi Turnover for 1948/49 £4,130; previous 13 mc £5,763. Lock-up shop, etc. Rent £60. price about £3,120, but reasonable offer sidered as quick sale desired.

A.8. S.E. London .- Middle-class suburban [ macy occupying good trading position. No opposition. Turnover 1948/49 £4,376; gross fit £1,600 approx; good scope. Total £2,850, including stock estimated at £1,000

#### OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUND

#### Appointments—Continued

#### CROWN AGENTS FOR THE COLONIES

PHARMACIST AND HOSPITAL SECRE-TARY required by Government of Northern Rhodesia for one tour of 2 to 3 years in the first instance with prospect of permanency. Salary according to age, war service and experience in the scale £610-£1,000 a year. Free passages. Candidates must be members of the Pharmaceutical Society or hold degrees or diplomas registrable in the United Kingdom. Apply at once by letter, stating age, whether married or single and full particulars of qualifications and experience, and mentionof qualifications and experience, and mentioning this paper to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/23098(3F) on both letter and envelope. The Crown Agents cannot undertake to ack-nowledge all applications and will communicate only with applicants selected for further consideration.

#### KINGSTON HOSPITAL, WOLVERTON AVENUE, KINGSTON-ON-THAMES

Applications are invited for the following appointment : .

PHARMACIST. Previous experience is not essential and the appointment offers an excellent opportunity for a newly qualified pharmacist desirous of obtaining hospital experience.

Salary on the scale £425 x £25 x £525 with an additional £25 per annum for an approved higher qualification. The minimum of £425 is linked to the age of 23.

Applications should be sent as soon as possible to the Medical Superintendent together with

to the Medical Superintendent, together with copies of testimonials or the names of persons to whom reference may be made,

#### HAROLD WOOD HOSPITAL, HAROLD WOOD, ESSEX. ASSISTANT PHARMACIST.

Applications are invited for the appoint of ASSISTANT PHARMACIST, male of male, at the major general hospital o Brentwood Group. The hospital is 15 from Central London and is served by the electric railway from Liverpool Street.

electric railway from Liverpool Street. The salary and conditions of service a accordance with Whitley Council Scales, x £20—£525 p.a. Hours of duty, 39 per No Sunday duty. The appointment wi subject to the National Health Service (Sannuation) Regulations, 1947.
Applications, stating age, qualifications previous experience, together with copi two testimonials, should be sent to the I cian Superintendent.

HILL END HOSPITAL, ST. ALBA 20 Miles from London on Good Bus R ASSISTANT PHARMACIST or Dispe or Assistant required immediately. conditions of service in accordance with vised recommendations of the J.N.C. (It tall Staffs). Arrangements might be mad the persons appointed to reside in the pital, if desired.

Apply, stating age and full particulars of perience to Medical Superintendent.

#### ST. PAUL'S HOSPITAL HEMEL HEMPSTEAD, HERTS

Pharmacist-in-Charge, single-handed, quired. Salary and conditions of service cording to J.N.C. recommendations. Aptions giving full particulars and two nam reference should reach the Medical Sur tendent as soon as possible,

#### ILFAST

CHEMISTS. Opportunity curs to rent shop in busiest elfast Arcade. Possession ortly. No premium. Modere rental. Apply owners, OX C 5002

#### Appointments—Continued LONDON HOSPITAL WHITECHAPEL, E.1

OON HOSPITAL, Whitechapel, E.1, has ancy for ASSISTANT PHARMACIST. £425 x £25 to £525, but experience taken into consideration in determining encing salary. Hours normally 9-5 (on ay 9-1 p.m.). Occasional Sunday duty to additional remuneration. Dining-facilities. Apply Secretary. C 5014

#### UTH MANCHESTER HOSPITAL MANAGEMENT COMMITTEE.

MACIST (grade previously known as nt Pharmacist), at the HINGTON HOSPITAL (1,479 Beds), MANCHESTER.

ry in accordance with the Whitley il scale, £425 x £25—£525 per annum. ninimum of £425 is linked with the age reduction of £25 being made for each selow that age elow that age.

below that age. lications, stating age, qualifications, ex-ce, and the names and addresses of two s, to be sent to the Medical Superin-it, Withington Hospital, Manchester, 20, ter than November 18, 1949. C 5012

VEST MIDDLESEX HOSPITAL. ISLEWORTH, MIDDLESEX

UTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE) ations are invited for the post of TANT PHARMACIST. Salary £425 (at.) x £25 to £525 per annum. Commendary will depend on previous experience. to the National Health Service Superion Schame. Applications stating agreement of the National Health Service Superion Schame. ion Scheme. Applications, stating age, cations and experience, with copies of onials, to be sent to the Chief Pharmacist above Hospital. C 14

#### STAINES GROUP HOSPITAL MANAGEMENT COMMITTEE

MANAGEMENT COMMITTEE
lications are invited for the appointof Pharmacist. Salary in accordance with
Vhitley Scales, i.e. £425 p.a. (at miniage 23) x £25 to £525 p.a.

ly stating qualifications, experience and
with copies of up to three testimonials
mes for reference to Assistant Secretary
Hounslow Hospital (81 beds), Staines
Hounslow, Middlesex, as soon as posC 5028

#### BERDOE & FISH

Chemists' Transfer Agents and Valuers
41 ARGYLE SQUARE, KING'S CROSS, W.C.1
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Wanted immediately, good class businesses in S.W. or W. of England seaside or country, with reasonable L.A. Clients waiting with cash up to £7,000.

 All Valuations and Stocktakings, carried out under personal supervision of principals Phone: TERminus 3574 Established 1870

## WINDSOR GROUP HOSPITAL MANAGEMENT COMMITTEE KING EDWARD VII HOSPITAL, WINDSOR, BERKS cations are invited for the posi-

Applications are invited for the post of ASSISTANT IN DISPENSING (Apothecaries' Hall Certificate). Salary on J.N.C. scale, according to experience. The Department may according to experience. The Department may be visited at any time by arrangement with the Chief Pharmacist.

Applications, with copies of recent testimonials, stating age and nationality, should be sent to the Administrative Officer by the 14th November, 1949.

#### THE BIRMINGHAM (DUDLEY ROAD) GROUP OF HOSPITALS ASSISTANT PHARMACIST

Applications are invited for the position of ASSISTANT PHARMACIST at the BIR-MINGHAM & MIDLAND EYE HOSPITAL, Church St., Birmingham, 3. Salary and conditions of service in accordance with the J.N.C. scales, Hospital experience not essential. Newly-qualified candidates will be considered.

Applications, stating age, experience and the names of two referees, should be forwarded to the undersigned within 14 days of the publication of this advertisement. J. Preston, Secret-tary, Hospital Management Committee, Dudley Road Hospital, Birmingham, 18. C 50

#### THE ROYAL LONDON HOMŒOPATHIC HOSPITAL,

GREAT ORMOND STREET, W.C.1. DISPENSER

Lady (unqualified) required with good ex-nerience. Salary in accordance with Joint Negotiating Committee scale Apply, stating age and full particulars to Pharmacist. Ci

#### WAKEFIELD GENERAL HOSPITAL PARK LODGE LANE, WAKEFIELD (160 BEDS)

Applications are invited for the post of DISPENSER to work under the supervision of the Medical Superintendent. Applicants should hold the certificate of the Society of Apothecaries of London. Previous hospital experience will be an advantage.

Applications, stating age, qualifications and experience, together with the names of two referees should be forwarded to the Medical Superintendent.

W. READ, Secretary Wakefield "A" Group H.M.C C 5029 C 5026

#### SOUTHMEAD GENERAL HOSPITAL, GROUP MANAGEMENT COMMITTEE, BRISTOL

APPOINTMENT OF GROUP PHARMACIST Applications are invited from suitably qualified persons for the appointment of a Group Pharmacist.

Pharmacist.

The salary will be £650-£750 per annum, according to experience (J.N.C. conditions).

The Group consists of Southmead General and Maternity Hospital (529 beds plus 133 cots) and including a Casualty Department, and nine other smaller general, maternity and long-stay hospitals, providing a total accommodation of approximately 1,100 beds. At Southmead Hospital an out-patient department will be opened shortly. This Hospital is an Obstetric School of the University of Bristol and is associated with the University Department of Child Health and Pædiatrics. The appointment will be subject to the

The appointment will be subject to the National. Health Service (Superannuation) Regulations and, except in the case of a transferred officer; to passing a medical examina-

Applications, on forms to be obtained from the undersigned must be submitted not later than November 26, 1949.

C. C. HANCOCK, Secretary.

11 Upper Belgrave Road, Clifton, Bristol, 8.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order 1947

#### SITUATIONS OPEN

8/6 for 36 words (min.) then 3d. per word. Box 2/-

#### RETAIL (HOME)

ABERDEEN: CHEMIST, qualified, male preferred, for dispensing business with a view to partnership, or succession to the right man. Fullest particulars to Box C 1043.

ASSISTANT, young, qualified or unqualified, for counter work and dispensing. Flat available over pharmacy from November 20. Apply with full particulars to Cannon & Collins, Pharmacists, 31 Boscawen St., Truro.

AYLESBURY, BUCKS. Young, qualified assistant, lady or gentleman, required chiefly for dispensing also to relieve managers when required in three other branches. Permanency. Please state salary required and when available. Give full particulars and experience to The Secretary, Hubert B. Fierg, Ltd., 145 High St., Berkhamsted, Herts. C 1005 BEXLEYHEATH. First-class qualified manager required to take full charge of good-class family and dispensing business. No living accommodation at present. Good personality and irreproachable references essential. Plenty of scope and a good income assured. Give full particulars, including age, etc. Box C 1061.

BIRMINGHAM. Apothecaries' Hall girl required as

BIRMINGHAM. Apothecaries' Hall girl required as assistant. High-class dispensary. Saturday closing. State experience and salary required. Box C 1028 CHOICE OF SUITABLE accommodation, if required, on appointment. Qualified persons, male and female, are required to manage attractive pharmacies in south-east and south-west districts of London. Positions are available offering salary from £550 to £650 per annum, plus generous commission. Engagements are permanent and progressive and include entry into superannuation scheme. Annly, giving full particulars to the Staff Manager, Rayal Arsenal. Co-operative Chemists, 113 Powis St., Woolwich, S.E.18.

BOOTS THE CHEMISTS have vacancies in a nun of districts for qualified assistants, male and fer Salary (male) Central London £10 5s. to £11 Metropolitan District £9 17s. 6d. to £10 17s. Provinces £9 10s. to £10 10s. (Female Cel London £9 15s to £10 15s. Metropolitan Dis £9 7s. 6d. to £10 7s. 6d.) Provinces £9 to according to age. Engagements are on a perma basis with good prospects and eligibility for sion, life assurance, etc. There are also a nur of vacancies for unqualified assistants with spharmaceutical experience. Good remunera with a view to permanency. Pension scheme, Applications should be made to Retail Staff Dement, Station St., Nottingham, stating age, exence, and district preferred.

CENTRAL LONDON, qualified manager required Convenient hours on roster, no Sundays. (salary and bonus and superannuation schemes a able. Apply to Box C 1017.

EXCELLENT OPPORTUNITY for unqualified

EXCELLENT OPPORTUNITY for unqualified tant in Central London. Convenient hours, no day. Good salary, bonus and superannu schemes operating. Full details to Box C 1011 HAMPSTEAD. Senior qualified assistant wante good-class pharmacy. Quick in dispensing capable of taking charge occasionally. State experience, and salary requirect. Sangster & College Cres., N.W.3. Primrose 0332. C

LADY PHARMACIST required immediately. salary. Full particulars to Box C 1026. LONDON CO-OPERATIVE CHEMISIS, LTD., applications from experienced pharmacists Branch managerial vacancies in pleasant sub areas. Modern, well-equipped shops with supporting staffs, attractive salary, generous mission, with payment for all rota duties, tions permanent and superannuated, with exc promotion prospects. Choice of living accordation, house or flat, where required. Full ticulars as to experience, wages required, etc. Superintendent Chemist, Grange Road, Le E.10.

LONDON, W.C.1. Experienced, unquassistant (male or female) required for high City West End type of business. Dispensin perience essential and must be good widnesser. Half-day Saturday. No rota or Sutiles. Good prospects for right applicant. to Mr. J. Milner, Messrs. A. R. Cross, Ltd. 241 High Holborn, London, W.C.1. Tele Holborn 7379.

Holborn 1919.

NEWARK. Young, unqualified assistant req Good dispenser. Window dressing experien advantage, but not necessary. Excellent pro to suitable applicant. Please apply to Box C PHARMACIST. London Company requires vices of experienced manager, not afraid of Branch, in Kensington area, Permanency. salary. Apply Box C 5015.

QUALIFIED ASSISTANT (lady or gentlemat quired for busy N.H.S. dispensing depart Congenial position. A good salary will be to suitable applicant. A. E. Pelling, 189 Ar Green Rd., Hornchurch.

QUALIFIED ASSISTANT for central pharmaq quired (male or female). Good house ava Superannuation scheme with transfer clause, fees paid for occasional extra duties, Applies stating calary required, to Managing Set Gainsborough Industrial Co-onerative St. Ltd., 10 Bridge St., Gainsborough.

QUALIFIED ASSISTANT, capable and keen, ir family-tyne business. Unfurnished accommo over premises available to married man. Plear full particulars, including height, and pho possible (which will be returned). Hill & 357 High St., Cheltenham.

#### Situations Open—Continued

Salary, £10 per week, and commission on Salary, £10 per week, and commission of Salary, £10 per week, and commission on Salary, £10 per week, and £10 per we

Worcester St., Kidderminster. C. 7

U FIED SENIOR ASSISTANT, lady or gentleequired immediately. Wilsons (Stowmarket),
towmarket, C. 1031

RD. Young, qualified, assistant required
to dispensing department in busy pharmarket, C. 1058

Modern flat available. Apply, with full
lars, to L. Cameron & Son, Ltd., 12 and 14

St., Seaford, Sussex. C. 1058

Ot I COAST. Company converting drug store
urmacy invites applications for position of
repharmacist. Initial salary £12 p.w., plus
plus shares. Permanent. Tremendous scope
wonderful opportunity for one who is held
act y lack of resources. Applicants should state
as xperience. Living accommodation can be
ured. Box C 1049.

Ot SET. Assistant required for dispensing and
disj in market town pharmacy. No accommodalot at a congenial post and a share in profits

in market town pharmacy. No accommodation but a congenial post and a share in profits the to industrious worker. Expenses paid for the w. C. B. Gosling, Chemist, Yeovil. C 1015 toll COAST. Qualified assistant required, lady at theman, mainly for dispensing. Accommon arranged nearby. Suit recently qualified state full particulars of age, experience, also equired to Reed, Chemist, 143A Forton Rd., 505 t, Hants. Tel.: Gosport 8794 (shop). or 224 house). 234 house).
244 house).
251 for a counter. Comfortable post. Apply car on, Chemist, 31 The Parade, Clayate, C 1059.

DISPENSERS (Apothecaries' Hall preferred) of for West, North and S.W. London. Good Write, giving full particulars to Box C 1024. "HARMICISTS required immediately. Write, followed by the control of the full particulars and salary required. Box

ALIFIED ASSISTANT, experienced, for North Permanency. Salary and bonus. Apply

Permanency. Salary and bonus. Apply 5040.

IELD Industrial Society, Ltd., require the of a pharmacist as Senior Assistant in the cy and optical department. The successful it will be required to take charge of the action of the pharmacy and to carry out oble of the dispensing, and will have the unity of studying optics if desired. A he knowledge of photographic equipment be an advantage. Pleasant working conditions a spacious, well-equipped department. 43 per week. Applications, giving details of the analysis of the analysis of the action of the spacious. Well-equipped department. 43 per week. Applications, giving details of the analysis of the analysis of the action of the action

London Co-operative Chemists, C 1030 Rd., Leyton, E.10.

LADY counter assistant, experienced, for Vest London Apply Box C 5041.

PHARMACIST REOURED as chief assistant.

Hodgson, Ltd., 14 High

provided. J. E. Hodgson, Ltd., 14 High Parlington. C 1038

#### RETAIL (OVERSEAS)

PHARMACIS? urgently required by large industrial organisation for service in the Middle East. Large hospitals and staff of British M.Os. and sisters. hospitals and staff of British M.Os, and sisters. Considerable dispensing for hospital and out-patient clinics. Applicants must hold M.P.S. and be under 35 years of age. Attractive salary plus generous allowance in local curency, free passages out and home, free medical attention, kit allowance, good leave arrangements, pension scheme. Write, giving personal particulars and full details of qualifications and experience, quoting Dept. F.94, to Box 2364, at 191 Gresham House, E.C.2. C 16

#### WHOLESALE

ADHESIVE PLASTER chemist wanted. Fully conversant with all phases of manufacture of surgical adhesive plasters. Capable of assuming full charge factory within Home Counties. Box C 5013.

A PROGRESSIVE LONDON distributing house requires active representation by men with first-class connections amongst wholesale grocers, Co-ops, and multiples in all parts of England; and Wales to market a toilet roll that will be retailing at 6d. to the public. Experienced men capable of earning high commission need apply to the Managing director, Box C 1027.

A VACANCY exists for two experienced representa-tives for the Midlands and South-west England territories. Must have own car and good connection among chemists, stores, etc. Company established 1810, manufacture toilet and household brushware. Terms, salary, commission, expenses. Write full details, Sales Manager, Titterton & Howard, Ltd., 24 Old Bond St., London, W.1. C 5020

A VACANCY EXISTS for a chemist with B.Sc. and/or A.R.I.C. qualifications in the control laboratory of a West London firm of manufacturing chemists. The position is a permanent one. Future promotion and salary increases will depend on ability. Five-day week. Pension scheme. Commencing salary \$£500 p.a. Write, giving fullest details, to Box C 5016.

ANALYST. Required, qualified analyst with pharmaceutical experience for fine chemical manufacturers. Work varied and interesting. 5-day week. Whifen & Sons, Ltd., Carnwath Rd., Fulham. C 5032 S.W.6.

AN OLD-ESTABLISHED druggists' sundries and perfumery and cosmetique house invite applications for a position as factory sales and production manager. One with a thorough knowledge of the perfumery and cosmetique trade is essential. Applicants should write details of past experience and state present salary, to Box C 1048.

and state present satary, to an AN OLD-ESTABLISHED London firm dealing in hospital equipment, medical and chemists' sundries, with a large existing connection, requires a full-time representative to cover the hospital and wholesale chemist trades in London. Basis salary wholesale chemist trades in London. Basis salary and expenses. Apply by letter, giving details of previous experience and salary required, to Box No. 492 Foster Turner & Everetts, Ltd., 11 Old Jewry, E.C.2.

ARTIST with lively imagination required by chemical and pharmaceutical manufacturers situated in the outskirts of London. Must be capable of pre-paring visuals for technical and professional direct mail and journal advertising; typographical flair an advantage; no finished work required. Young man preferred but practical experience essential. Applicants should write, giving full details of experience, to Box C 5042.

- 5

AGE

#### Situations Open—Continued

ASSISTANT required to sales manager of small manufacturers/exporters. Professional background and experience in advertising ethical pharmaceu-rical, dental, or veterinary products, essential. Attractive salary offered to right person. Box C11

APPLICATIONS are invited from quantity pharmacists to take charge of production department in factory producing ethical pharmaceutical preparations. Apply in writing, to Antigen Laboratories, Ltd., 95 Great Portland St., London, W.I. C 1032 APPLICATIONS are invited from qualified phar-

CHEMIST required by manufacturing chemists situated in Manchester. Essential practical experience in the manufacture of tablets, toilets, galenicals, etc. Give full particulars of experience, age and salary. Box C 1020.

LANCASHIRE. Assistant required in the manufacturing laboratory of small wholesale and manufacturing chemists. Applications, with details of age, training and experience, to J. J. Thomas & Son, I. Hanging Rd., Rochdale. This advertisement appears by permission of the Ministry of Labour and National Service under the Control of Engagement Order, 1947.

MANUFACTURING CHEMISTS in North-West London require pharmacist for work in laboratory on analytical control of raw materials and products; also possibly development work at later stage. Pension scheme; 5-day week. Application, stating age, qualifications and salary required, to Box age, q C 1053.

PACKAGING SUPERVISOR wanted for filling and packaging toilet products in modern factory with automatic machinery. Experience essential. Apply Box C 5035.

PHARMACEUTICAL HOUSE of high repute requires the services of a representative for Lancashire, also for territory south of London for calling upon the medical and dental professions, and the retail trade. Apply, giving age, details of experience and salary required, to Box C 5017.

PRICING CLERK, experienced, required by drug and pharmaceutical house, (Five-day week.) Within easy access of Mile End Station. Apply, with particulars of experience, salary required etc., to Harker, Stagg & Morgan, Ltd., Emmott St., London, E.C.1.

RELIABLE REPRESENTATIVE required for South Wales and the Midlands by old-established whole-sale chemists' sundries firm. Must have connections with retail chemists. Salary and commission. Good opportunity to right man. Box C 1010.

REPRESENTATIVES with experience, drive and initiative, required for independent organisation selling nationally advertised products through the grocery, chemist, hardware and allied trades. Starting salary £520, rising to £750 with opportunity for further promotion. Car allowance and all usual expenses paid. This is a "ground floor" chance for the right man to share in the success of a young and really progressive company whose name is already a household word. Reply, stating age, experience and qualifications, to Box V.3023, Bensons, Kingsway Hall, London, W.C.2. C 17

REPRESENTATIVES REQUIRED all territories selling to chemists, hairdressers and grocers, on 10 per cent, commission basis. To handle surgical goods. Apply, Competitive Remedies, Ld., 35 Ripple Rd., Barking, Essex. C 1035

REPRESENTATIVES REQUIRED in Scotland, North Wales, Lancashire, Notts, Bedfordshire, must have established chemists' connection. Please give full particulars area covered and the terms required. C. S. C., 94 Aldersgate St., London, E.C.1. C 1041

REPRESENTATIVES required on generous sion basis for well-known and nationally adhousehold dyes to call on chemists, stores, (etc., in (1) N. London and Home Counti South Wales and Western Counties; (3) B ham area; (4) East Midlands; (5) East Full particulars to Whitaker & Co. (Kendal) Kendal

REPRESENTATIVES REQUIRED in Gt. calling on chemists, ladies' hairdressers and to carry as side line a high-class well-ests product. Good remuneration. Apply, Sac South Molton St., London, W.1.

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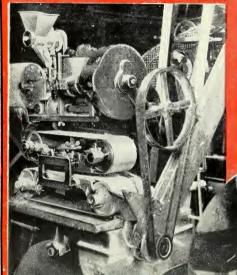


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